

Bien Air⁺
Dental

Bien Air
SWISS MADE



CATALOGUE

US version 2011-2012



TAKE A BIG BITE OUT OF LIFE

It is because these moments are so rare that they stay so deeply etched on our memory. Everything came together to make this a memorable day: the programme, weather, sharing... and freedom from worries.

More trying times were soon forgotten, thanks to him. Our dental surgeon knew how to help us with tact and professionalism...

We owe him our love of life, our recaptured smile.



IT ALL COMES DOWN TO TRUST

Trust in yourself, in your abilities, your expertise and your profession.

My patients, they place all their trust in me. I am proud and grateful that I can encourage them to do so. I know that I am able to live up to their expectations.

My instruments can live up to mine. They help me to be the best, every single day.







TECHNOLOGIES AND INSPIRATION

A world leader at your service for over 50 years.

Producing the best instruments to simplify the work of practitioners and constantly improve patient comfort. This has been Bien-Air's mission since its creation in 1959.

Ergonomics, precision and reliability are at the core of the development of every new product. Paying careful attention to professionals every day, Bien-Air has made numerous innovations, always setting the bar higher. A true culture of excellence sitting perfectly with the tradition of Swiss Made products from the renowned Watch Valley.

Our promise for the future is to continue to innovate, to offer you the most advanced and most reliable instruments.

Facilitating your work, day in, day out. For the comfort of your patients.





WELCOME TO THE WORLD OF EXCELLENCE



QUALITY LED

Unrivalled LED light. Bien-Air has gone to great lengths to combine the best components available with the best techniques to guarantee unique levels of performance and reliability. Bien-Air LED lighting offers unmatched working comfort. With adjustable intensity from 0 to 38,000 lux. It significantly improves visibility of the work area and provides a perfectly white and natural light.

Its colour temperature of 4500 K is perfect for giving a realistic representation of the dentin, pulp or gingiva, and facilitating diagnosis. The LED is perfectly sealed within its optical glass housing, it is guaranteed to withstand hundreds of autoclave cycles*.

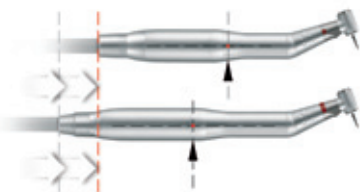
* Only for sterilisable instruments and micromotors



BLACKLINE

Light, slim and ultra-resistant: BLACKLINE handpieces made from vacuum-moulded carbon fibre have set a new technological standard. Carbon fibre is 3 times lighter than titanium (1.8 g/cm^3) and will withstand 10,000 sterilisation cycles leaving no signs of deterioration. Free from porosity, BLACKLINE handpieces are easy to clean and offer perfect grip as well as great dynamic stability, even with repeated sterilisation.

Offering you unrivalled comfort, BLACKLINE instruments will retain their pristine appearance over a very long period.



MICRO-SERIES

The Bien-Air MICRO-SERIES brings together the new range of Bien-Air contra-angles and handpieces with the new generation of micromotors with LED light. Up to 30% shorter and 23% lighter, the Bien-Air MICRO-SERIES units offer you the very best in terms of grip and balance, guaranteeing more precise control and less fatigue at the end of the day. Why? Simply because they are shorter and lighter, yet they still offer all the technological advantages of conventional models. MICRO-SERIES, welcome to a new dimension.



ACCU-CHUCK

The precision of the practitioner's movements must be relayed to the patient with no interference of any kind. This is why it is so important that your instrument is as precise as possible. The locking and drive technologies in Bien-Air's rotary instruments are the most precise on the market. And this is not by pure chance. The unique procedures illustrate the Swiss quality which has earned Bien-Air its credentials and reputation: parts machined to the exact micron, rectified and honed, for enhanced reliability and reduced noise levels. This gives the instruments perfect equilibrium, free from any imbalance or vibration. Their unique precision and reliability will make them indispensable. And an additional advantage - your burs will last longer.





SMART LOGIC

With the benefit of Bien-Air's SMART LOGIC technology, enjoy the most precise control ever obtained with a micromotor. Cutting-edge electronics control the micromotor's torque and rotation speed to perfection, even at very low speed. An additional guarantee of reliability, the SMART LOGIC technology controls the micromotor's rotation despite the absence of any sensors.

SMART LOGIC. The best of Swiss engineering.



DUALOOK LIGHT

DUALOOK is exclusive to Bien-Air. In addition to being robust enough to withstand all conditions, the two glass rods provide an enveloping, non-dazzling light. Its two offset light sources allow you to see depth clearly and accurately. Shadows are virtually eliminated from the working area, including in front of the bur. What if your car only had one headlight?

DUALOOK: the best light on the market.





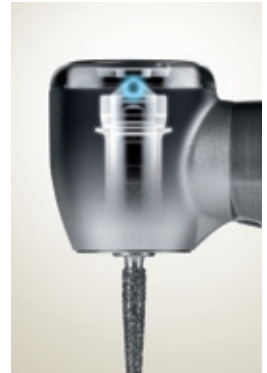
ACCU-SPRAY

Research conducted by Bien-Air engineers has clearly demonstrated the superior cooling power of six separate air and water nozzles. With the ACCU-SPRAY system, the air disperses the water to a highly precise point before contact with the bur. The ultra-precise nebulisation cools the bur and dental material as efficiently as possible. It also ensures perfect visibility in the working area. The separate water and air ducts also prevent blockages.



COOL TOUCH

Bien-Air is the only manufacturer in the world to offer a push-button bur change mechanism with an anti-heating safety system. This reduces the risk of burning your patients with the head of your instrument. A tungsten carbide ball is placed between the push-button and the top of the bur locking mechanism. It absorbs heat in the event of contact when rotating. COOL TOUCH. An exclusive invention for your comfort and your patients' safety.



A TRADITION OF INNOVATION AND EXCELLENCE

The most advanced technology, the most refined ergonomics: Bien-Air turbines have always been characterised by this perfect balance. The line of Blackline turbines in carbon fibre and with LED light provide the most perfect example of this. In creating the Blackline range, Bien-Air is perpetuating a tradition of innovation and high technology. Indeed, our company invented the first reliable turbine in history way back in 1959. A succession of revolutionary innovations followed: the first push-button, air bearing technology, the first rotating quick-connect coupling... and many other innovations. These technological advances have always helped to make our turbines unique. Bien-Air turbines are ahead of the field. And will stay that way.

TURBINES



BORA TURBINES



Imagine a high-performance instrument so incredibly light and fine, yet sleek and strong. Inspired by the latest technological advances in the most demanding fields such as aeronautics, sailing and competitive sports, the Blackline Bora incorporates a carbon fibre handle.

Incredibly powerful, robust and reliable, Bora turbines boast the very best of Bien-Air technology. They guarantee impeccable hygiene thanks to the Sealed Head, anti-retraction valve and perfect nebulisation with the three separate Accu-Spray air/water sprays. Finally, the Cool Touch push-button bur locking mechanism reduces overheating. Added comfort your patients are sure to appreciate.

Bora turbines are available in Blackline or in the classic version, available with a DualLook LED light with adjustable intensity or without light.



BLACKLINE

Light, slim and ultra-resistant: Blackline handles made from vacuum-moulded carbon fibre have set a new technological standard.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-SPRAY

Cooling with six separate air and water nozzles. The ultra-precise nebulisation cools the bur and the tooth as efficiently as possible.



CERAMIC REVOLUTION

Longer service life, greater precision. Less noise, less vibrations. Superior quality Bien-Air ceramic ball bearings. For extreme performance.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



COOL TOUCH

Push-button with an anti-heating safety system. This reduces the risk of patient burns with the head of your instrument. For your comfort and your patients' safety.



SEALED HEAD

In combination with the anti-retraction valve, a Teflon lip prevents any residues or contaminants entering the instrument. Enhanced hygiene and reliability.



SOFT PUSH

Bien-Air's unique push-button locking mechanism. Light pressure is all you need. Bur changing is quick and comfortable. This mechanism guarantees firm yet precise locking.

BORA TURBINES WITH ADJUSTABLE LIGHT



Bora L Blackline

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, carbon fibre handle, compatible with Unifix quick connect swivel coupling

Ref. 1600637-001



Bora L Blackline + 4-way Unifix set

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, carbon fibre handle, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

Ref. 1700303-001



Bora L

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600638-001



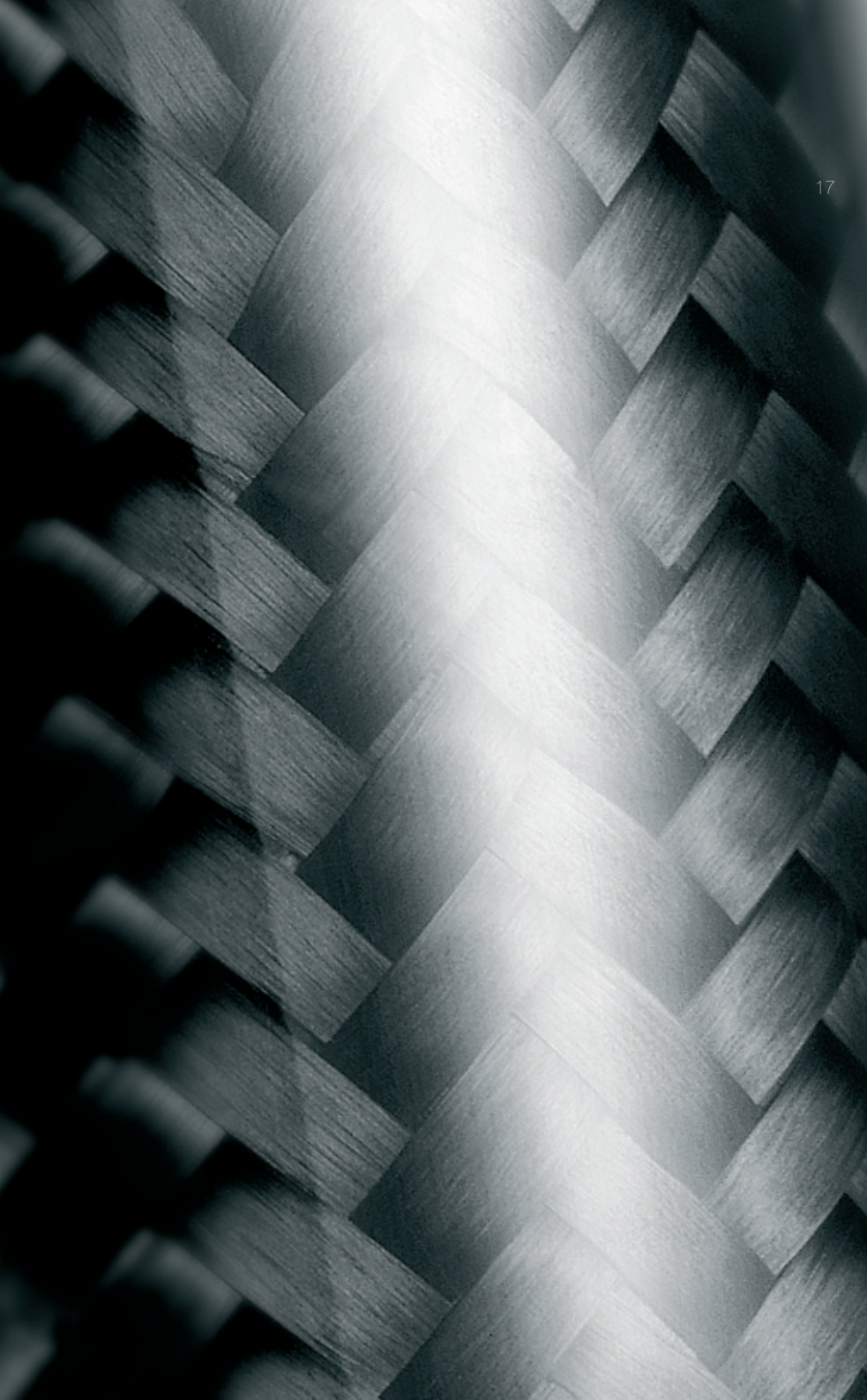
Bora L + 4-way Unifix set

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

Ref. 1700305-001



Non-sterilisable couplings.



BORA TURBINES WITH LIGHT



Bora L

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600382-001



Bora L + 4-way Unifix set

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

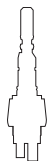
Ref. 1700189-001



Bora LK

320,000 rpm, 3 bars, 3 sprays, push-button bur locking, compatible with MULTiflex® Kavo® swivel coupling. Coupling not supplied.

Ref. 1600155-001



BORA TURBINES WITHOUT LIGHT



Bora

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600381-001



Bora + 2/3-way Unifix set

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible 2- or 3-way Unifix swivel coupling

Ref. 1700187-001



Bora + 4-way Unifix set

320,000 rpm, 2.7 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with 4-way Unifix swivel coupling

Ref. 1700188-001



PRESTIGE TURBINES

The perfect complement to the Bora turbine. The smaller head size of the Prestige turbines make them ideal for delicate work. They are particularly noteworthy for their lightness and ease of handling. Prestige and Bora make perfect partners.

Prestige turbines are quieter than ever. They ensure perfect water nebulisation thanks to the three separate Accu-Spray air/water sprays. They also boast the Cool Touch push-button bur locking mechanism which reduces overheating. Providing safety for you and your patients.

Prestige turbines are available in Blackline or in the classic version, available with a DualLook LED light with adjustable intensity or without light.





BLACKLINE

Light, slim and ultra-resistant: Blackline handles made from vacuum-moulded carbon fibre have set a new technological standard.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-SPRAY

Cooling with six separate air and water nozzles. The ultra-precise nebulisation cools the bur and the tooth as efficiently as possible.



CERAMIC REVOLUTION

Longer service life, greater precision. Less noise, less vibrations. Superior quality Bien-Air ceramic ball bearings. For extreme performance.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



COOL TOUCH

Push-button with an anti-heating safety system. This reduces the risk of patient burns with the head of your instrument. For your comfort and your patients' safety.



SOFT PUSH

Bien-Air's unique push-button locking mechanism. Light pressure is all you need. Bur changing is quick and comfortable. This mechanism guarantees firm yet precise locking.

PRESTIGE TURBINES WITH ADJUSTABLE LIGHT



Prestige L Blackline

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, carbon fibre handle, compatible with Unifix quick connect swivel coupling

Ref. 1600640-001



Prestige L Blackline + 4-way Unifix set

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, carbon fibre handle, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

Ref. 1700304-001



Prestige L

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600641-001



Prestige L + 4-way Unifix set

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

Ref. 1700306-001



Non-sterilisable couplings.



PRESTIGE TURBINES WITH LIGHT



Prestige L

335,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600380-001



Prestige L + 4-way Unifix set

335,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, quick connect swivel coupling compatible with 6 pin tubings and fitted with a non-return valve on the air exhaust

Ref. 1700184-001



PRESTIGE TURBINES WITHOUT LIGHT



Prestige

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with Unifix quick connect swivel coupling

Ref. 1600379-001



Prestige + 2/3-way Unifix set

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible 2- or 3-way Unifix swivel coupling

Ref. 1700185-001



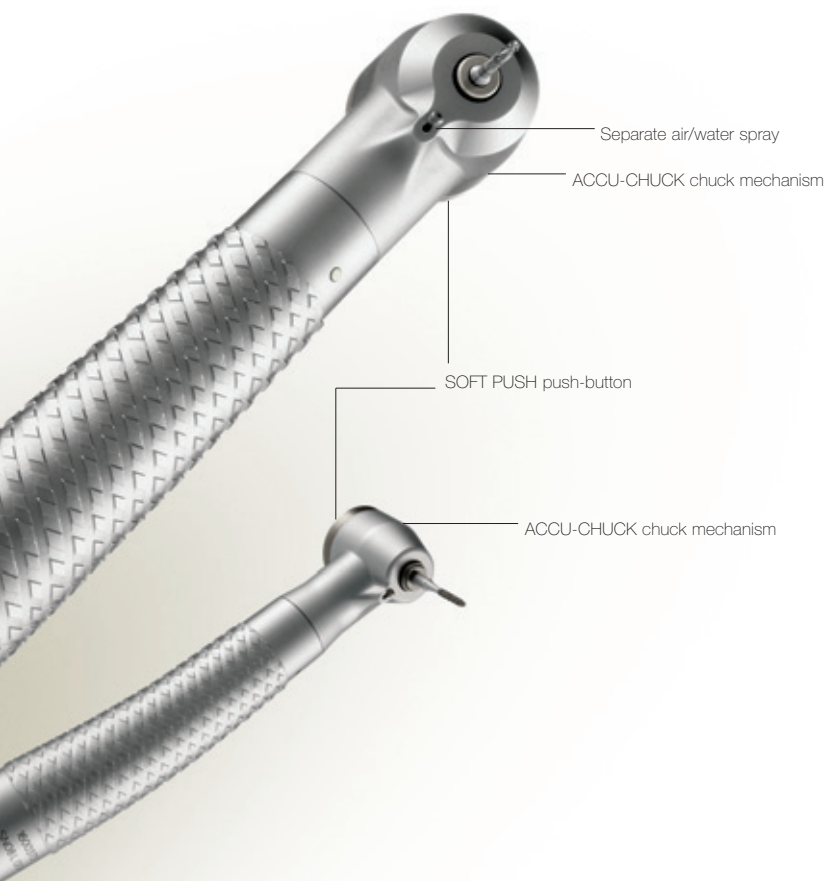
Prestige + 4-way Unifix set

315,000 rpm, 3.2 bars, 3 sprays, push-button bur locking, anti-retraction valve, compatible with 4-way Unifix swivel coupling

Ref. 1700186-001



BORALINA AND PRESTILINA TURBINES



Economical turbines offering unrivalled value for your money. Powerful and well-suited for all highspeed restorative procedures, these handpieces offer a simplified design with single air/water spray and without light. Compatible with Unifix quick connect coupling.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



SOFT PUSH

Bien-Air's unique push-button locking mechanism. Light pressure is all you need. Bur changing is quick and comfortable. This mechanism guarantees firm yet precise locking.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to the Unifix quick-connect coupling, Bien-Air turbines offers the best 360° swivel worldwide.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

BORALINA TURBINES WITHOUT LIGHT

Quality and long service life at a competitive price. Boralina is a simplified version of the Bora turbine, without a light and with a single spray. Designed along the same lines as the Bora, it is remarkably powerful and robust. Instrument changing could not be simpler, thanks to the Unifix quick-connect coupling.



Boralina

310,000 rpm, 2.7 bars, 1 spray,
push-button bur locking, fast, rotating connection
for Unifix coupling

Ref. 1600373-001



Boralina + 2/3-way Unifix set

310,000 rpm, 2.7 bars, 1 spray,
push-button bur locking, fast, rotating connection
with 2- or 3-way Unifix coupling

Ref. 1700200-001



Boralina + 4-way Unifix set

310,000 rpm, 2.7 bars, 1 spray,
push-button bur locking, fast, rotating connection
with 4-way Unifix coupling

Ref. 1700201-001



Non-sterilisable couplings.

PRESTILINA TURBINES WITHOUT LIGHT

Quality and long service life at a competitive price. Prestilina is a simplified version of the Prestige turbine, without a light and with a single spray. Designed along the same lines as the Prestige, it is remarkably accurate and easy to handle. Instrument changing could not be simpler, thanks to the Unifix quick-connect coupling.



Prestilina

410,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, fast, rotating connection
for Unifix coupling

Ref. 1600372-001



Prestilina + 2/3-way Unifix set

410,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, fast, rotating connection
with 2- or 3-way Unifix coupling

Ref. 1700198-001



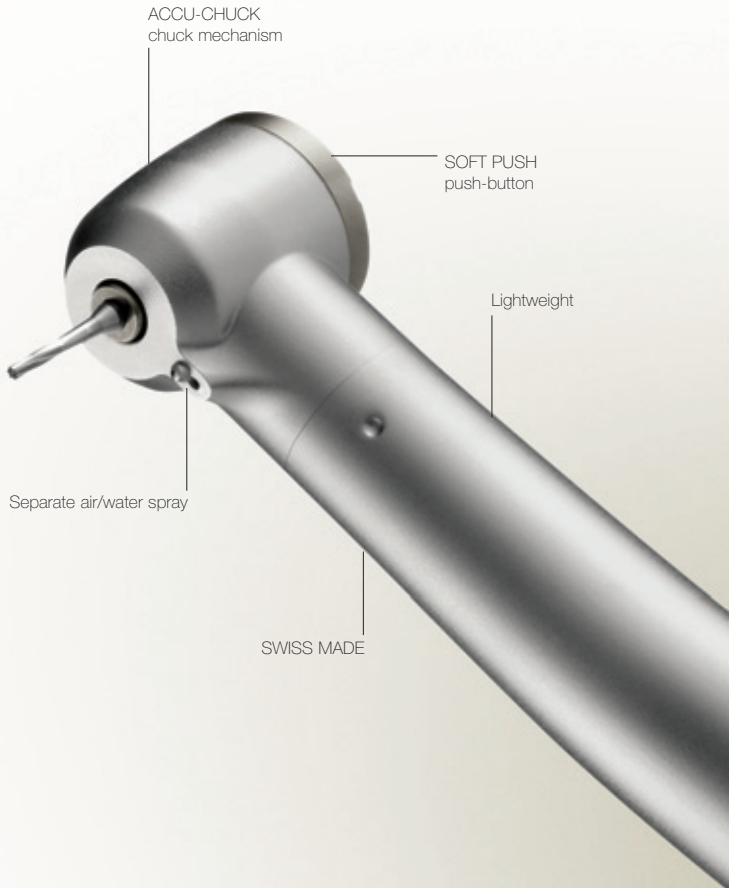
Prestilina + 4-way Unifix set

410,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, fast, rotating connection
with 4-way Unifix coupling

Ref. 1700199-001



EOLIA B TURBINE



Powerful, light, easy to handle. The Eolia B turbine benefits from Bien-Air's vast experience in turbine design. The Eolia B offers the quality of a Swiss Made instrument at a highly competitive price. It boasts comfortable push-button bur locking and a water anti-retraction valve for impeccable hygiene. Instrument changing could not be simpler thanks to its metal bayonet coupling.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



SOFT PUSH

Bien-Air's unique push-button locking mechanism. Light pressure is all you need. Bur changing is quick and comfortable. This mechanism guarantees firm yet precise locking.



SWISS MADE

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EOLIA B TURBINES WITHOUT LIGHT



Eolia B

315,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, for 2/3- or 4-way
quick-connect bayonet coupling

Ref. 1600465-001



Eolia B + 2/3-way coupling set

315,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, with 2- or 3-way
quick-connect bayonet coupling

Ref. 1700225-001



Eolia B + 4-way coupling set

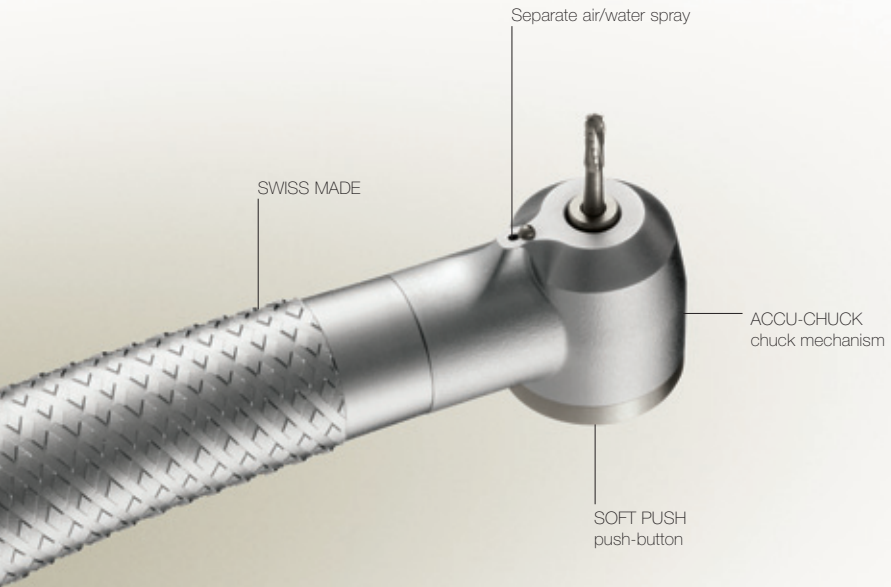
315,000 rpm, 2.5 bars, 1 spray,
push-button bur locking, water anti-retraction valve
with 4-way quick-connect bayonet coupling

Ref. 1700226-001





BLACK PEARL ECO TURBINES



Its competitive price sets the Black Pearl Eco apart. It has one separate air/water spray and connects directly to a 3- or 4-way hose. Its moderately sized head makes this the most versatile turbine. A classic instrument.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



SOFT PUSH

Bien-Air's unique push-button locking mechanism. Light pressure is all you need. Bur changing is quick and comfortable. This mechanism guarantees firm yet precise locking.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



BLACK PEARL ECO TURBINES WITHOUT LIGHT, DIRECT CONNECTION

Black Pearl ECO 2/3-way

310,000 rpm, 2.5 bars, 1 spray, push-button bur locking,
2- or 3-way direct connection

Ref. 1600039-001



Black Pearl ECO 4-way

310,000 rpm, 2.5 bars, 1 spray, push-button bur locking,
4-way direct connection

Ref. 1600040-001



UNFAILING PRECISION

Even the best dentist is nothing without a good instrument. Bien-Air contra-angles and handpieces offer you the best of Swiss microtechnology. Designed and manufactured in the heart of Watch Valley, each instrument is a masterpiece of metal-working, where skills combine to create a robust, ultra-precise and quiet device.

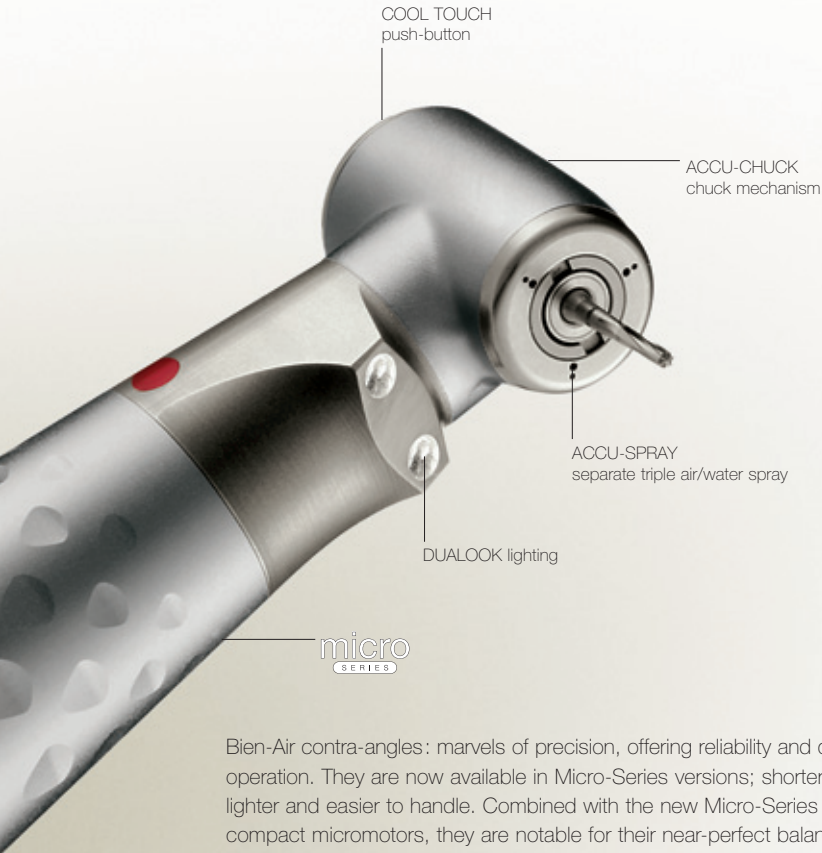
From endodontics and surgery to implantology and restoration, Bien-Air has the instrument you need. With its new Micro-Series range, Bien-Air is the first manufacturer to offer instruments and micromotors that are shorter and lighter with further improved ergonomics.

Bien-Air contra-angles and handpieces will meet your every need and more...

CONTRA-ANGLES AND HANDPIECES



CONTRA-ANGLES



Bien-Air contra-angles: marvels of precision, offering reliability and quiet operation. They are now available in Micro-Series versions; shorter, lighter and easier to handle. Combined with the new Micro-Series compact micromotors, they are notable for their near-perfect balance in the hand. Soon you won't be able to live without one.

Part of a long tradition of excellence, Bien-Air contra-angles have DualLook dual glass rod lighting, three separate Accu-Spray water/air sprays that ensure perfect nebulisation, as well as the ultra-precise Accu-Chuck tightening and drive technology. The latest developments in Bien-Air contra-angles incorporate a new shaft and gear system mounted on pre-stressed ball bearings. This offers vibration-free transmission and reduces energy loss. These Bien-Air shaft and gear systems simultaneously provide outstanding smoothness and improved sensitivity. For your comfort and that of your patient.



MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-SPRAY

Cooling with six separate air and water nozzles. The ultra-precise nebulisation cools the bur and the tooth as efficiently as possible.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



COOL TOUCH

Push-button with an anti-heating safety system. This reduces the risk of patient burns with the head of your instrument. For your comfort and your patients' safety.



IDEAL GEOMETRY

Improved accessibility to areas at the rear of the mouth. Bien-Air contra-angles are designed to offer you improved handling, visibility and accessibility to the working area.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

MICRO-SERIES SIZE MATTERS



30% more compact and 23% lighter, Micro-Series offers perfect balance, exceptional power and unique versatility.

Combined with the new short nose LED micromotors, Micro-Series contra-angles and handpieces redefine the standards for dental instruments. Used together, the MX2 and Micro-Series contra-angle are no larger than a turbine. By reducing the size as much as possible, the balance point of the instrument/micromotor assembly has been moved noticeably forward. This results in perfect balance. The force required to keep the instrument in the hand has been significantly reduced. This allows for more accurate movements, with less fatigue at the end of the day.

Micro-Series, perfectly balanced instrument and micromotor combinations, with no compromise in terms of performance.



Micro-Series instruments are compatible with Bien-Air MX2 LED, MC2 LED, MC3 LED, and MX short nose micromotors, and the MX-LED Chiropro.



CONTRA-ANGLES CA 1:5

micro
SERIES



CA 1:5 L Micro-Series

Speed increasing factor of 5. Light via dual optical glass rods, push-button bur locking with anti-heating system, bur shank Ø 1.6 mm, anti-retraction valve.

Compatible with Micro-Series micromotors

Ref. 1600690-001



CA 1:5 L

Speed increasing factor of 5. Light via dual optical glass rods, push-button bur locking with anti-heating system, bur shank Ø 1.6 mm, anti-retraction valve

Ref. 1600386-001



CA 1:5

Speed increasing factor of 5. Without light, push-button bur locking with anti-heating system, bur shank Ø 1.6 mm, anti-retraction valve

Ref. 1600325-001



CONTRA-ANGLES CA 1:1

micro
SERIES



CA 1:1 L Micro-Series

Direct drive. Light via dual optical glass rods, push-button bur locking, bur shank Ø 2.35 mm, anti-retraction valve.

Compatible with Micro-Series micromotors.

Ref. 1600691-001



CA 1:1 L

Direct drive. Light via dual optical glass rods, push-button bur locking, bur shank Ø 2.35 mm, anti-retraction valve

Ref. 1600384-001



CA 1:1

Direct drive. Without light, push-button bur locking, bur shank Ø 2.35 mm, anti-retraction valve

Ref. 1600424-001



CONTRA-ANGLES CA 10:1



CA 10:1 L

Speed reducing factor of 10. Light via dual optical glass rods, push-button bur locking, bur shank \varnothing 2.35 mm

Ref. 1600385-001



CA 10:1

Speed reducing factor of 10. Without light, push-button bur locking, bur shank \varnothing 2.35 mm

Ref. 1600425-001



1:1 INSTRUMENTS SETS WITH INTERNAL SPRAY

micro
SERIES



CA 1:1 L + PM 1:1 Micro-Series set

Comprising:

1 CA 1:1 L Micro-Series with light

ref. 1600691-001

1 PM 1:1 Micro-Series without light

ref. 1600693-001

Ref. 1700384-001



CA 1:1 L + PM 1:1 set

Comprising:

1 CA 1:1 L with light

ref. 1600384-001

1 PM 1:1 without light

ref. 1600383-001

Ref. 1700196-001



CA 1:1 + PM 1:1 set

Comprising:

1 CA 1:1 without light

ref. 1600424-001

1 PM 1:1 without light

ref. 1600383-001

Ref. 1700042-001

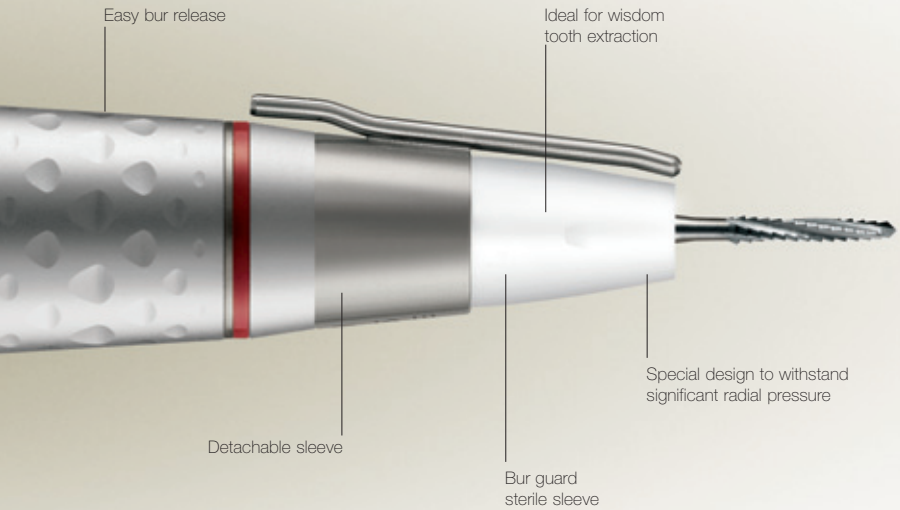


STRAIGHT HANDPIECES

The latest generation of handpieces are the result of our ongoing research and development work. They are designed to withstand the stresses resulting from repeated lateral pressure, while maintaining exceptional precision.

You will also appreciate the absence of vibration, their quiet operation and their tried and tested bur locking system.

Now also available in Micro-Series version.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

STRAIGHT HANDPIECES PM 1:1

micro
SERIES



PM 1:1 Micro-Series

Direct drive. Without light, with internal spray, locking ring, bur shank Ø 2.35 mm.

Compatible with Micro-Series micromotors

Ref. 1600693-001



PM 1:1

Direct drive. Without light, with internal spray, locking ring, bur shank Ø 2.35 mm

Ref. 1600383-001



PM 1:1 external irrigation

Direct drive. Without light, interchangeable sleeves with or without irrigation tube, locking ring, Ø 2.35 mm bur shank

Ref. 1600052-001



STRAIGHT HANDPIECE PM 1:2



PM 1:2 external irrigation

Speed increasing factor of 2. Without light, sleeve with irrigation tube, locking ring, Ø 2.35 mm bur shank, Bur Guard sterile sleeve

Ref. 1600436-001





IMPLANTOLOGY INSTRUMENTS

Thanks to the exceptionally ergonomic design of the new Bien-Air 20:1 L Micro-Series implantology contra-angle, the word "comfort" takes on a whole new meaning.

This contra-angle has an irrigation system which is internal to the instrument—a world first. So your grip is not impeded by the irrigation line. The jet of physiological liquid is projected onto the bur shaft itself, providing perfect cooling, particularly when using implant guides for insertions.

In addition, its shafts and gears are machined in stainless steel with high resistance to corrosion.

The Micro-Series 20:1 L contra-angle handpiece has many features: world's smallest head, exceptional DuaLook lighting... and it is also the shortest and lightest contra-angle on the market.

The benchmark in implantology instruments.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



IDEAL GEOMETRY

Improved accessibility to areas at the rear of the mouth. Bien-Air contra-angles are designed to offer you improved handling, visibility and accessibility to the working area.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

IMPLANTOLOGY CONTRA-ANGLES INTERNAL IRRIGATION

micro
SERIES



CA 20:1 L Micro-Series

Speed reducing factor of 20. Light via dual optical glass rods, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm.

Compatible with Micro-Series micromotors

Ref. 1600692-001



CA 20:1 L

Speed reducing factor of 20. Light via dual optical glass rods, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm

Ref. 1600598-001



CA 20:1

Speed reducing factor of 20. Without light, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm

Ref. 1600632-001



IMPLANTOLOGY CONTRA-ANGLES
FIXED EXTERNAL IRRIGATION TUBE



CA 1122

Direct drive. Without light, fixed external irrigation, push-button bur locking, bur shank Ø 2.35 mm. Fixed side irrigation tube

Ref. 1600603-001



CA 30121

Speed reducing factor of 30. Without light, fixed external irrigation, push-button bur locking, bur shank Ø 2.35 mm. With Kirschner/Meyer removable irrigation system. Irrigation set included ref. 1500028-001

Ref. 1600479-001

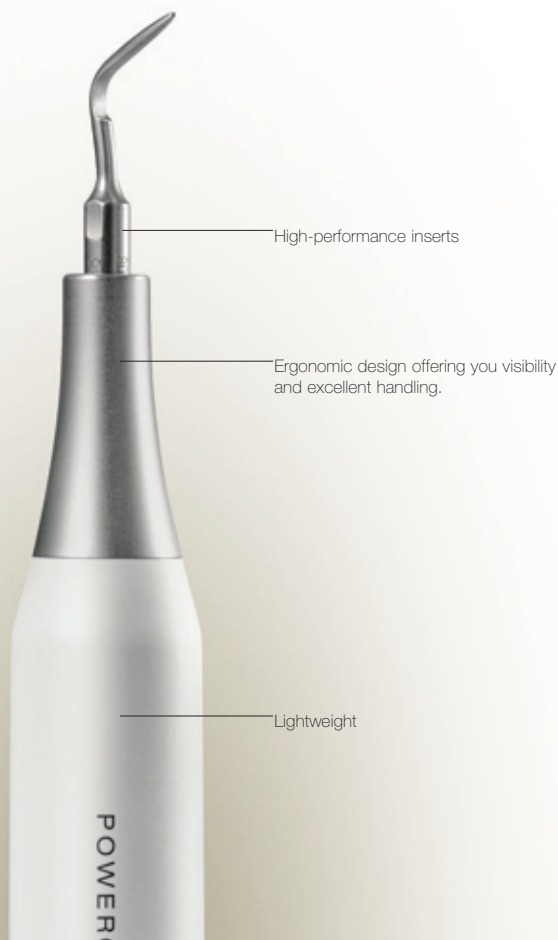


POWERCARE ULTRASONIC SCALER

Thanks to its high-precision piezo technology, the POWERCARE ultrasonic scaler distributed by Bien-Air emerges as the instrument of choice for the removal of deposits and supragingival and subgingival dental prophylaxis.

POWERCARE controls and automatically adjusts the power necessary for each operation. This guarantees you optimal efficiency during your work, while your patients benefit from enhanced comfort.

With its lightweight and ergonomic handle, POWERCARE offers you visibility and excellent handling. It is supplied with a basic set to which a wide range of high-performance inserts can be added. POWERCARE. Take control.



ULTRASONIC SCALER



Powercare Set

The POWERCARE set has been designed for integration into the dental unit.

Power variation can be controlled by a potentiometer (not supplied). The POWERCARE is supplied with a support for sterilisable inserts. A torque wrench is provided for secure locking. A wide range of high-performance inserts covering the main prophylactic applications is available.

Set contents:

1 POWERCARE ultrasonic scaler	ref. 1600674-001
1 scaler hose	ref. 1600675-001
1 torque wrench, sterilisable	ref. 1304239-001
1 electronic control	ref. 1304240-001
1 connector with wires, for potentiometer	ref. 1304417
1 box for scaler, sterilisable	ref. 1304241-001
1 support for inserts, sterilisable	ref. 1304242-001
2 S1 inserts	ref. 1304243-001
1 P1 insert	ref. 1304247-001

Full POWERCARE set

Ref. 1700343-001



POWERCARE INSERTS



S1 for scaling

Universal curette with semi-circular cross section.
Recommended for the ablation of large quantities of tartar.
Power: 0–100%

Ref. 1304243-001



S6 for high-efficiency scaling

Universal curette in the form of a contra-angle with semi-circular diameter. Powerful insert for the ablation of large quantities of tartar. Power: 0–100%

Ref. 1304244-001



S7 for high-efficiency scaling

Universal curette in the form of a contra-angle with a triangular cross section. Powerful insert efficient in interdental spaces and on surfaces. Power: 0–100%

Ref. 1304245-001



S8 for high-efficiency scaling

Contra-angle with a flat working surface with rounded edges. Powerful insert for the ablation of large quantities of supragingival tartar. Power: 0–100%

Ref. 1304246-001



P1 for universal periodontics

Long, straight end-piece with a circular cross section.
For the ablation of calculus and biofilm on root surfaces.
Power: 0–50%

Ref. 1304247-001



P4 for universal periodontics

Extra-long, straight end-piece with circular cross section.
For the ablation of calculus and biofilm on root surfaces.
Power: 0–50%

Ref. 1304248-001



P10 for anatomical periodontics

Extra-long, curved working end with circular cross section.
For the ablation of calculus and biofilm on root surfaces.
Power: 0–50%

Ref. 1304249-001



PROPHYLAXIS INSTRUMENTS

57

Handpieces with interchangeable heads and contra-angles with detachable cups are the only instruments that can be fitted to micromotors rotating at 40,000 rpm. Apart from superior comfort and extended service life, Bien-Air prophylaxis instruments in particular offer high resistance to abrasive cleaning pastes and can withstand constant and sustained sterilisations.

CAP 15:1 Prophy

Speed reducing factor of 15, contra-angle handpiece without light or spray, screw or clip cup interchangeability.

Pack comprising:

1 CAP 15:1 Prophy

5 screw cups

5 clip cups

Ref. 1600290-001



PMP 10:1 Prophy

Speed reducing factor of 10. Handpiece without light or spray, for standard disposable heads.

Pack comprising:

1 PMP 10:1 Prophy

2 straight heads and 2 contra-angle heads

Ref. 1600289-001



A NEW DIMENSION

Bien-Air has positioned itself as the world leader in electric micromotors. And this has not happened by chance. Some have even revolutionised modern dental techniques. Power, high torque, absence of vibration and reliability... the assets that make Bien-Air micromotors so unique.

Today, Bien-Air is raising the bar even higher with the addition of a new little prodigy to this product line: The MX2 Micro-Series, the miniaturised micromotor with the performance and reliability that gave the MX its reputation as undisputed world leader. Let us introduce you to the best in Swiss microtechnology.

MICROMOTORS





MX2 MICROMOTOR BRUSHLESS

The MX2 brushless micromotor, with adjustable LED light, is Bien-Air's latest little prodigy.

Coupled with the new Bien-Air Micro-Series instruments, you will benefit from a unit that is 30% shorter and 23% lighter. The result is unparalleled balance and comfort, while still giving the performance of the famous MX: constant power, perfect control of the speed, torque and reversing the direction of rotation. Thanks to Smart-Logic electronic control, the MX2 is exceptionally stable and powerful, even at low speeds (100 rpm). This means just two instruments are required to carry out all operations.

The MX2 LED proves itself to be the ideal companion for endodontics. Thanks to its ball bearings that are lubricated for life, the MX2 is sterilisable and yet maintenance-free. For further optimised hygiene and implementation.

Bien-Air MX2, welcome to a new dimension.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



CARE FREE

Thanks to its lifetime-lubricated ball bearings, your micromotor no longer needs lubrication after each use. This ensures it always has the optimal amount of oil, and has reduced maintenance costs



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.

micro
SERIES



MX2 Micro-Series

Brushless micromotor, 100-40,000 rpm, max torque 3.5 Ncm. LED light and internal spray. Sterilisable without protection, with lifetime-lubricated ball bearings, compatible with Type E connection compliant with ISO 3964 and Micro-Series instruments. Rotating coupling covering 400° on the hose

Ref. 1600677-001



MX2 hose

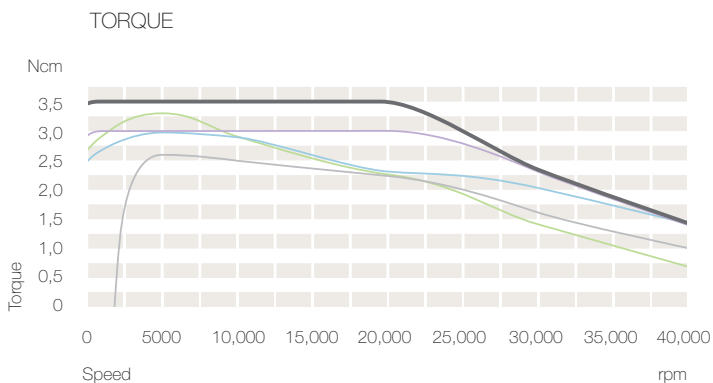
See page 132.



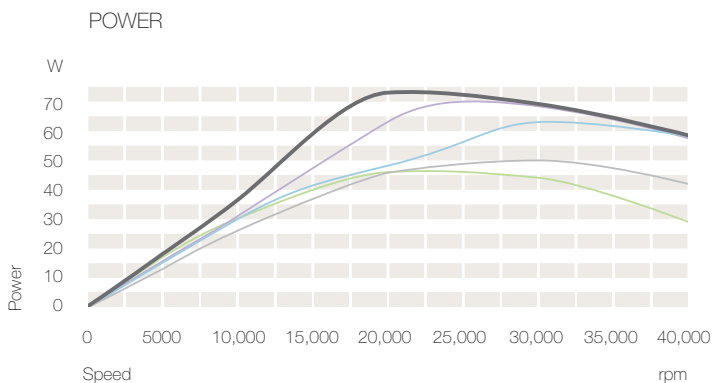
MX2 MICRO-SERIES WELCOME TO A NEW DIMENSION



With the MX2 micromotor with LED light, Bien-Air is continuing along very well established lines by the MX micromotor: a micromotor which offers the best performance on the market, simplifying and optimising all dental operations.



The MX2 is not just the most powerful dental micromotor on the market, it also offers perfect regulation. Thanks to the Smart Logic electronic management, the power is regulated automatically, immediately adapting to variations in pressure, even during complex restorative, prophylactic or endodontic operations. For these kinds of operations, the MX2 offers an exemplary level of safety thanks to the subtle control of the NiTi tool's speed of rotation and automatically manages the reversal of the direction of rotation. The torque and speed can be accurately configured with the greatest of ease.



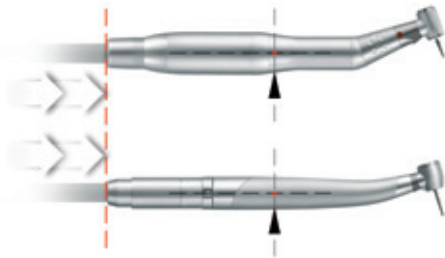
MX2 MICRO-SERIES COMPACT & BALANCED



Used together, the MX2 and Micro-Series instruments are comparable in size to a turbine. The lightweight MX2 combines user comfort with the best performance an electric instrument can provide.

Despite its compact size, the MX2 has proven to be as reliable and robust as its predecessor, the MX micromotor. Boasting lifetime-lubricated ball bearings, it is also impervious to contact with fluids and withstands repeated sterilisations without protection.

MX2 micromotors, welcome to a new dimension.



ien Air

ISS MADE

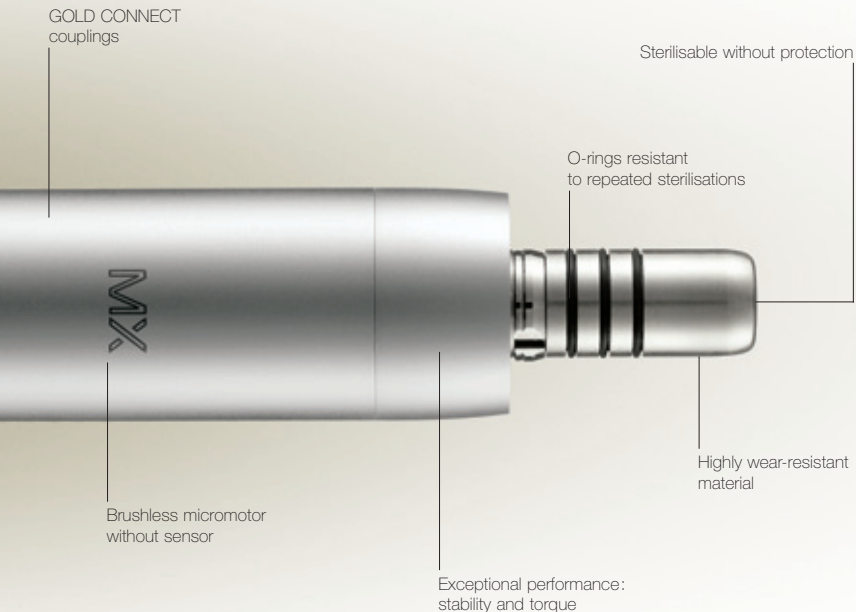


MX2

MX MICROMOTOR BRUSHLESS

The MX is the brushless micromotor which abounds with superlatives. With a speed ranging from 100 to 40,000 rpm, the MX offers ultra-precise control of the torque and rotation speed thanks to Smart Logic technology. The result is impressive. Irrespective of the complexity of the procedure, the speed remains constant. The micromotor is quiet and vibration-free. Thanks to the MX's control at low speeds, your need for instruments of differing ratios is reduced.

Just two instruments are now sufficient to cover all your needs, from endodontics to high-speed restorative dentistry. Finally, the MX micromotor and its 360 degree rotating coupling are notable for their exceptional reliability and extended service life. Impervious to contact with fluids, the MX withstands repeated sterilisations. Welcome to a class apart.





SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

micro
SERIES



MX

Brushless micromotor, 100-40,000 rpm, max torque 3.5 Ncm. Light and internal spray. Sterilisable without protection, compatible with Type E connection compliant with ISO 3964 and Micro-Series instruments, quick-connect coupling rotating 360° on the 4VX hose

Ref. 1600375-001



4VX or B4VX hose

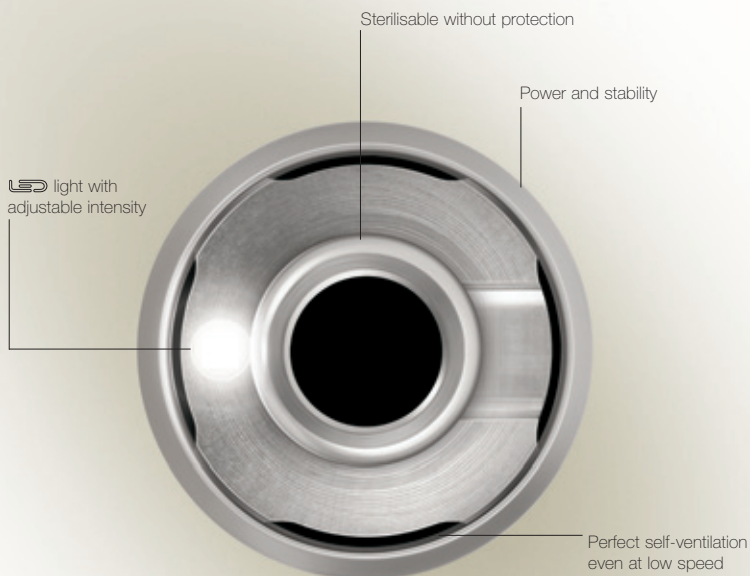
Flexibility and lightness.

Quick-connect, rotating coupling on MX micromotor side. See pages 134 to 135.



MX-LED CHIROPRO AND MX CHIROPRO MICROMOTORS

BRUSHLESS



This is the most powerful implantology micromotor on the market. With its Chiropro L control unit, the MX-LED Chiropro micromotor is redefining standards in implantology. The MX-LED Chiropro is first and foremost a benchmark in stability. At both high and low speeds, it offers enhanced working comfort and its high torque copes with the most demanding dental procedures. Depending on the desired speed, the power is constantly adapted in order to provide the optimum result, thanks to Smart Logic technology. Finally, the MX-LED Chiropro micromotor is equipped with adjustable LED lighting, providing the contra-angle handpiece with intense, natural and constant light at both high and low speeds. Resilient to contact with fluids, the MX-LED Chiropro micromotor can be washed in a machine and sterilised with its cable.



MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.

micro
SERIES



MX-LED Chiropro

Brushless micromotor, 100-40,000 rpm, LED light, self-ventilated. Sterilisable without protection, compatible with Type E connection compliant with ISO 3964 and Micro-Series instruments, power supply via special cable

Ref. 1600605-001



MX Chiropro

Sterilisable without protection, self-ventilated, Type E connection compliant with ISO 3964, power supply via special cable

Ref. 1600752-001



Cable MX-LED Chiropro and MX Chiropro cable

See page 143.

MX-LED CHIROPRO MICROMOTOR INCREASE YOUR EXPECTATIONS

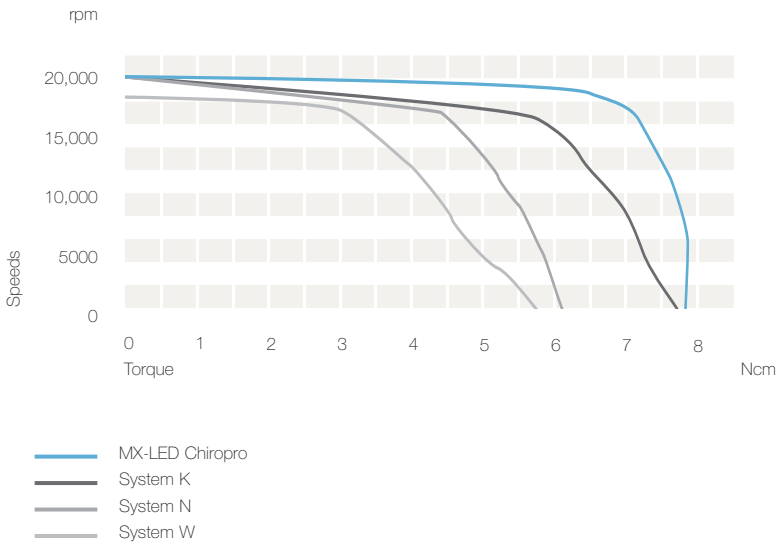
The MX-LED Chiroprpro micromotor is a model of stability. At both high and low speeds, it offers you incomparable working comfort and safety.

Its high torque makes it simply the most powerful micromotor on the market. Depending on the resistance, the power is regulated and stabilised electronically.

Thanks to its highly sensitive electronic management, the speed is maintained throughout the entire operation without vibrations.

Another major advantage: the MX-LED Chiroprpro micromotor boasts LED lighting with adjustable intensity, the power for which does not depend on the speed of rotation.

Not only is the MX-LED Chiroprpro the most powerful implantology micromotor on the market, it is also the lightest.





BASCH MICROMOTOR BRUSHLESS

The BASCH micromotor has become the benchmark in the field of implantology. High-performance and self-ventilated, it offers rotation speeds ranging from 500 to 40,000 rpm and precise speed and torque control.

Its stainless steel construction offers increased resistance to corrosion and grants it a long life. It can be sterilised with its cable. The BASCH can be driven and configured via the Chiropro 980 control unit.





GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



BASCH

Brushless micromotor, 500-40,000 rpm, sterilisable without protection, self-ventilated, Type E connection compliant with ISO 3964, power supply via special cable

Ref. 1600076-001



BASCH + cable set

Basch micromotor with 3 m cable, both sterilisable.

Ref. 1700074-001



BASCH cable

Sterilisable. Quick-connect coupling on control unit side. See page 143.

MC3 MICROMOTORS

MC3 micromotors offer impressive performance. They are quite simply the most efficient micromotor with brushes on the market. With vibration-free operation from 60 to 40,000 rpm, their great versatility sets them apart. An exceptional micromotor, also available in Micro-Series version with short nose and LED light with adjustable intensity. Now available as a Micro-Series and LED light upgrade set for your old MC3 LK.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Intensity-adjustable from 0 to 38,000 lux, perfectly white natural light, service life up to 10 times longer than that of a traditional bulb, no overheating.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

MC3 MICROMOTORS WITH LIGHT

micro
SERIES



MC3

Micromotor with brushes, 60-40,000 rpm, LED light and internal spray, removable sleeve, compatible with Type E connection compliant with ISO 3964 and Micro-Series instruments

Ref. 1600680-001



MC3 MICROMOTORS WITH LIGHT



MC3 LK

Micromotor with brushes, 60-40,000 rpm, with light and internal spray, detachable sleeve, Type E coupling compliant with ISO 3964

Ref. 1600077-001



micro
SERIES



light upgrade set + Micro-Series

For MC3 LK micromotor

Ref. 1501370-001



MC3 LK + 4VR 400 hose set

MC3 LK micromotor with light, internal spray
+ 4VR 400 hose Ø 10 mm ref. 1600397-001, in grey silicone,
with coupling rotating through 400°, standard length 1.7 m

Ref. 1700046-001



MC3 LK + 4VLM hose set

MC3 LK micromotor with light and internal spray
+ 4VLM hose Ø 11 mm ref. 1600097-001, in grey silicone,
with fixed coupling, standard length 1.7 m

Ref. 1700336-001





MC3 IR

Micromotor with brushes, 60-40,000 rpm, without light, internal spray, detachable sleeve, Type E coupling compliant with ISO 3964

Ref. 1600071-001



MC3 IR + 4VLM hose set

MC3 IR micromotor without light, internal spray + 4VLM hose Ø 11 mm ref. 1600097-001, in grey silicone with fixed coupling, standard length 1.7 m

Ref. 1700337-001



4VR 400 and 4VLM hoses

are available in a range of versions and colours. See pages 136 to 140.

MC2 MICROMOTORS

The MC2 is the most widely used electric micromotor in the world. Appreciated and recommended for its reliability and endurance, it has been proving its worth for many years. With rotation speed ranging from 60 to 40,000 rpm, the performance it offers is remarkable. It is perfectly controlled by the PLMP 021 microprocessor control. The MC2 micromotor: Swiss Made design and manufacture at an attractive price. Also available in Micro-Series version with short nose and LED light with adjustable intensity. Now also available as an upgrade set for your old MC2 Isolite 300.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Intensity-adjustable from 0 to 38,000 lux, perfectly white natural light, service life up to 10 times longer than that of a traditional bulb, no overheating.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

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MC2 MICROMOTORS WITH LIGHT

micro
SERIES



MC2

Micromotor with brushes, 60-40,000 rpm, LED light, internal spray, compatible with Type E connection compliant with ISO 3964 and Micro-Series instruments

Ref. 1600681-001



MC2 hose

Available in a range of versions and colours.
See pages 141 and 142.





MC2 Isolite 300

Micromotor with brushes, 60-40,000 rpm,
with light, internal spray, Type E coupling compliant
with ISO 3964

Ref. 1600078-001



light upgrade set + Micro-Series

For MC2 Isolite 300 micromotor

Ref. 1501369-001



MC2 MICROMOTORS WITHOUT LIGHT

MC2 IR

Micromotor with brushes, 60-40,000 rpm,
without light, internal spray, Type E coupling
compliant with ISO 3964

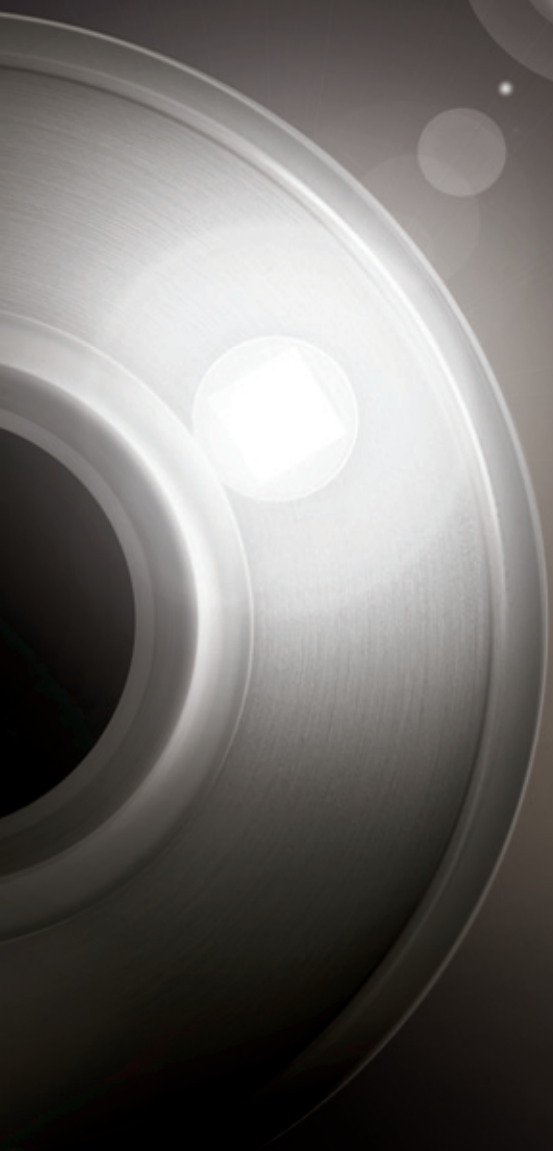
Ref. 1600073-001



MC2 GTAV

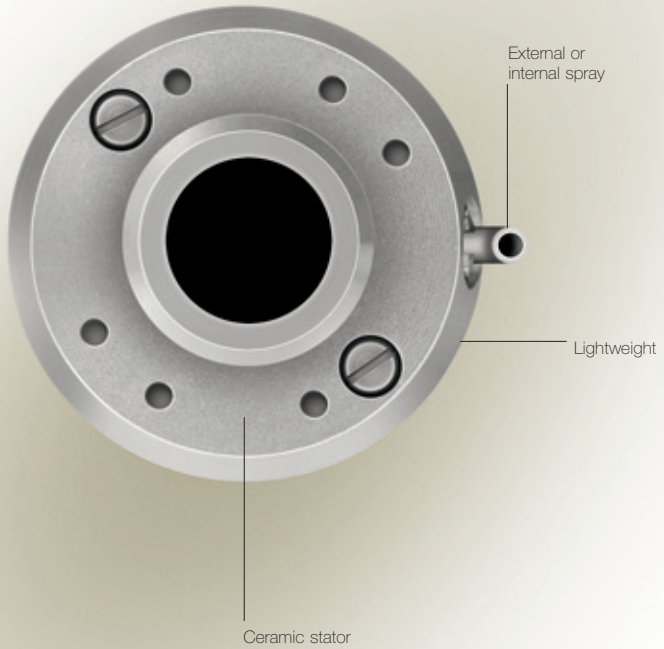
Micromotor with brushes, 60-40,000 rpm,
without light and without spray, Type E coupling compliant
with ISO 3964, self-ventilated

Ref. 1600075-001



AQUILON AIR MICROMOTORS

The Aquilon is a high-performance air micromotor at a very competitive price. Equipped with a ceramic stator, it is simple to maintain and has a particularly long service life. Its rotating speed ranges from 5000 to 20,000 rpm with forward and reverse operation. It is quick to connect, thanks to its rotating Unifix quick-connect coupling.





FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

AQUILON AIR MICROMOTOR INTERNAL SPRAY



Aquilon 830

Air micromotor, 5000-20,000 rpm, without light, internal spray, Type E coupling compliant with ISO 3964, quick-connect rotating connection for 2- or 3-way or 4-way Unifix coupling
Ref. 1600070-001





Aquilon 830 + 2/3-way Unifix set

Air micromotor, 5000-20,000 rpm, without light, with internal spray, Type E coupling compliant with ISO 3964, quick-connect rotating connection, with 2- or 3-way Unifix coupling

Ref. 1700058-001



Aquilon 830 + 4-way Unifix set

Air micromotor, 5000-20,000 rpm, without light, with internal spray, Type E coupling compliant with ISO 3964, quick-connect rotating connection, with 4-way Unifix coupling

Ref. 1700211-001



AQUILON AIR MICROMOTOR EXTERNAL SPRAY



Aquilon 830 external spray

Air micromotor, 5000-20,000 rpm, without light, external spray, Type E coupling compliant with ISO 3964, quick-connect rotating connection for 2- or 3-way or 4-way Unifix coupling

Ref. 1600362-001





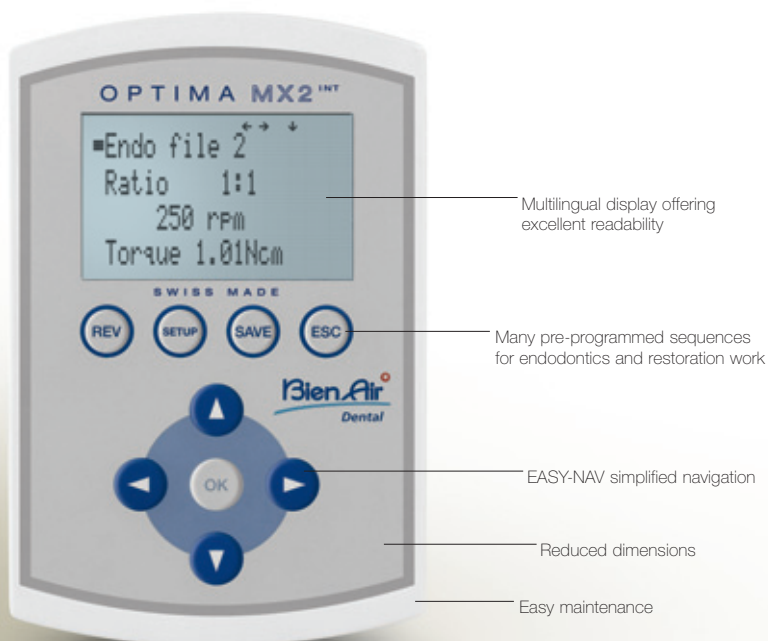
THE VERY BEST MICROMOTORS DEMAND THE MOST HIGH-PERFORMANCE CONTROLS

What is the point of having a powerful micromotor without the right control unit to drive it? A micromotor's precision, power and service life depend directly on the quality of its electronic control unit. To drive its range of micromotors, Bien-Air has designed control units which manage the necessary power, linearly and without vibration, while at the same time offering the requisite operating ranges. Providing the ultimate speed and torque control, the latest generation control units with Smart Logic technology are capable of exploiting to the fullest the outstanding capacities of the MX2 and MX-LED Chiropr micromotors. More than ever before, you have the very best tools at your fingertips.

CONTROL UNITS FOR MICROMOTORS



OPTIMA MX2^{INT} & DMX2



The MX2 LED is Bien-Air's latest little prodigy. The Optima MX2^{INT} control has been designed to get the very best from it. The Optima MX2^{INT} and its micromotor guarantee absolute control of the bur, controlling speed, torque and automatic reversal of the direction of rotation.

The Optima MX2^{INT} is particularly versatile. This control unit offers pre-programmed modes for all the main restorative operations and for endodontics. A true all-in-one system, it also makes your life simpler: two contra-angle handpieces are sufficient to perform the vast majority of dentistry operations. This results in improved comfort as well as a time saving.

Thanks to its Easy-Nav philosophy, the Optima MX2^{INT} is incredibly intuitive and can be adapted to most dental chairs.

It is ideal if you want to upgrade your pneumatic chair to bring it into the electronic age.

Quite simply, it offers the best Swiss engineering.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



EASY-NAV

Intuitive, simple, user-friendly navigation. You'll love this way of working: fast, logical and with added assistance. Straightforward. EASY-NAV. The professional interface.



MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



OPTIMA MX2^{INT} ONE SYSTEM AND TWO INSTRUMENTS FOR ALL YOUR DENTISTRY WORK

Thanks to the unique performance of the Optima MX2^{INT} - DMX2 and Optima MX^{INT} - DMX controls and micromotor units two contra-angles are sufficient to cover the majority of dental restoration, prophylaxis or endodontic operations, including procedures with NiTi tools.

Enjoy a speed range from 100 to 200,000 rpm with the CA 1:1 and CA 1:5. This remarkable progress makes it possible to reduce the number of instruments in the practice.





EXAMPLES OF POSSIBLE OPERATIONS WITH TWO BIEN-AIR CONTRA-ANGLE HANDPIECES



Table of current possible operations

Applications and contra-angle handpieces	CA 1:5	CA 1:1
Minimum speeds in rpm	500	100
Maximum speeds in rpm	200,000	40,000
Amalgam polishing		•
Root treatment – NiTi		•
Removal of deep caries		•
Removal of caries	•	•
Preparation of temporary crowns and bridges		•
Interdental and subgingival polishing		•
Surplus amalgam removal	•	•
MC Spadden endodontic technique		•
Chrome cobalt balance		•
General finishing during cavity preparation		•
Cutting of retentive grooves	•	•
Ceramic adjustment	•	
Finishing preparation B+C, bevels and ridges	•	•
Finishing preparation cavities, bevels and ridges		•
Occlusal adjustment	•	
Dentine reduction	•	•

This table shows possible uses and does not in any way constitute recommendations for use.

**OPTIMA MX2^{INT} - WITH ENDODONTIC FUNCTIONS
INTEGRATABLE SYSTEM WITH ELECTRONIC CONTROL UNIT**



- Broad speed range of the MX2 micromotor:
from 100 to 40,000 rpm
- High speed mode for general operations
- Low speed mode for endodontics with NiTi tools:
automatic reversal of the direction of rotation
when speed is at 0, automatic return to clockwise
movement (adjustable timing)
- Easy navigation system
- Major functions modifiable at all times:
 - Selection of one of the 40 programmes
 - Actual instrument speed
 - Variable torque
 - Handpiece ratio
 - With or without lighting
 - Light intensity
 - Choice of 5 languages

Optima MX2^{INT} set with DMX2 Pro for 1 micromotor:

1 Optima MX2 ^{INT} control unit	ref. 1600715-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001
1 DMX2 Pro electronic control unit	ref. 1600666-001

Ref. 1700386-001*

* Supplied with bracket and mounting screws, 16-pin cable.

Set for 1 micromotor, with transformer:

Basic set	ref. 1700386-001
1 80-240 Vac transformer, with 5 m 32 Vdc cable	ref. 1600591-001

Ref. 1700390-001**Set for 1 micromotor, with converter:**

Basic set	ref. 1700386-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700391-001**Optima MX2^{INT} set with DMX2 Pro for 2 micromotors,
with converter:**

1 Optima MX2 ^{INT} control unit	ref. 1600715-001
2 sterilisable MX2 micromotors	ref. 1600677-001
2 hoses for MX2 micromotor	ref. 1600700-001
1 DMX2 Pro electronic control unit	ref. 1600666-001
1 PL DMS relay	ref. 1500554-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700392-001*

OPTIMA MX2^{INT} - WITHOUT ENDODONTIC FUNCTION INTEGRATABLE SYSTEM WITH ELECTRONIC CONTROL UNIT



This version of the OPTIMA MX2^{INT} with DMX2 Plus (electronic), without torque adjustment, offers the same advantages as the DMX2 Pro, except for endodontic procedures with automatic reversal of the direction of rotation. It ensures absolute control of the sterilisable, brushless MX2 micromotor, from 100 to 40,000 rpm.

Optima MX2^{INT} set with DMX2 Plus for 1 micromotor:

1 Optima MX2 ^{INT} control unit	ref. 1600715-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001
1 DMX2 Plus electronic control unit	ref. 1600696-001

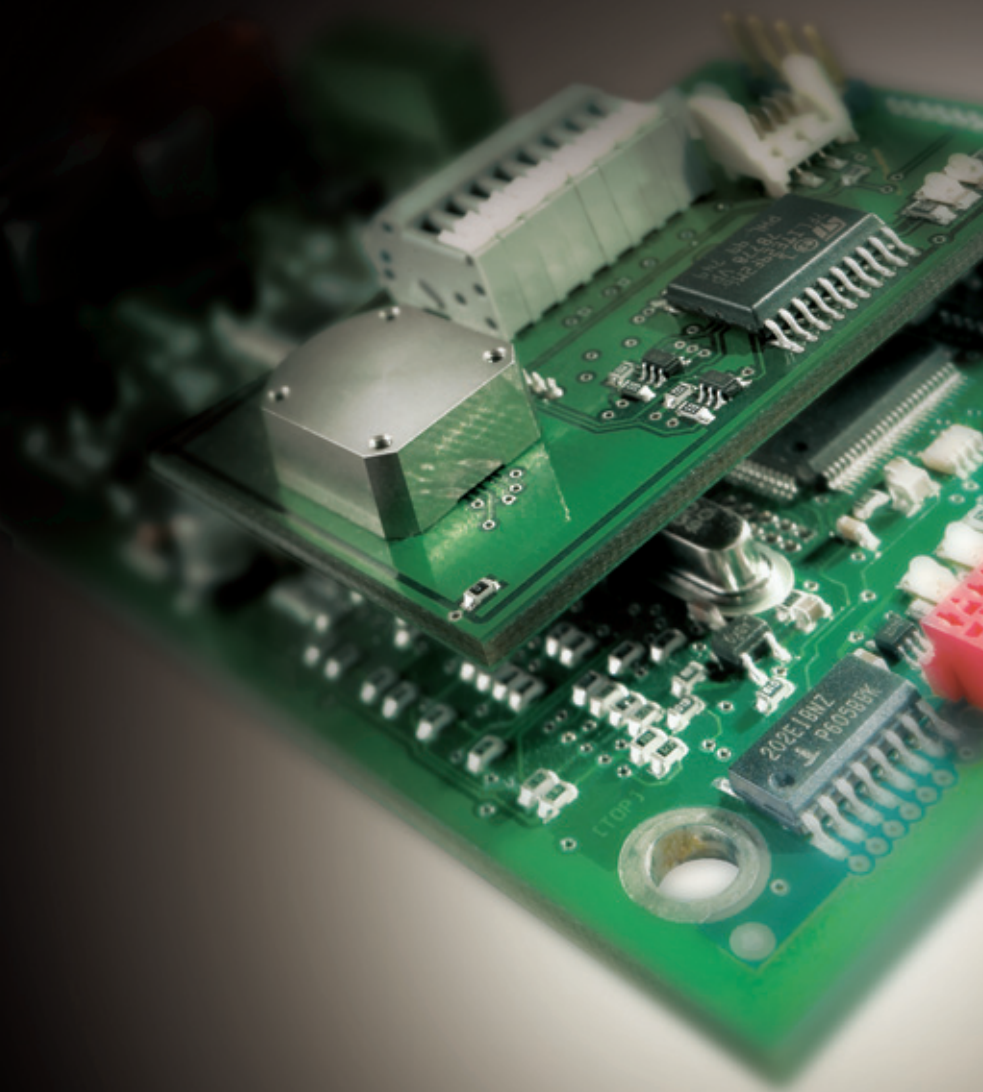
Ref. 1700393-001*

Set for 1 micromotor, with transformer:

Basic set	ref. 1700393-001
1 80-240 Vac transformer, with 5-meter 32 Vdc cable	ref. 1600591-001

Ref. 1700394-001

* Supplied with bracket and mounting screws, 16-pin cable.



DMX2 PRO - WITH ENDODONTIC FUNCTIONS INTEGRATABLE SYSTEM, WITHOUT CONTROL UNIT

With DMX2 Pro, the control system for your unit also controls the MX2 micromotor. Your distributor-installer is able to upgrade your electric or air-powered unit to MX2 technology. This gives you a high-performance instrument with your unit's customary control system.



DMX2 Pro set for 1 micromotor:

1 DMX2 Pro electronic control unit	ref. 1600666-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001

Ref. 1700379-001

DMX2 Pro set for 1 micromotor, with converter:

1 DMX2 Pro electronic control unit	ref. 1600666-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700380-001

DMX2 Pro set for 2 micromotors, with converter:

1 DMX2 Pro electronic control unit	ref. 1600666-001
2 sterilisable MX2 micromotors	ref. 1600677-001
2 hoses for MX2 micromotor	ref. 1600700-001
1 PL DMS relay	ref. 1500554-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700381-001

DMX2 PLUS - WITHOUT ENDODONTIC FUNCTION INTEGRABLE SYSTEM, WITHOUT CONTROL UNIT

This simplified version, without torque control, offers the same advantages as the DMX2 Pro version, except for endodontic procedures. It ensures absolute control of the sterilisable, brushless MX2 micromotor, from 100 to 40,000 rpm.

97



DMX2 Plus set for 1 micromotor:

1 DMX2 Plus electronic control unit	ref. 1600696-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001

Ref. 1700376-001

DMX2 Plus set for 1 micromotor, with converter:

1 DMX2 Plus electronic control unit	ref. 1600696-001
1 sterilisable MX2 micromotor	ref. 1600677-001
1 hose for MX2 micromotor	ref. 1600700-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700377-001

DMX2 Plus set for 2 micromotors, with converter:

1 DMX2 Plus electronic control unit	ref. 1600696-001
2 sterilisable MX2 micromotors	ref. 1600677-001
2 hoses for MX2 micromotor	ref. 1600700-001
1 PL DMS relay	ref. 1500554-001
1 converter, 24 Vac/32 Vdc-24 Vdc	ref. 1500580-001

Ref. 1700378-001

OPTIMA MX^{INT} & DMX



The MX is the micromotor which abounds with superlatives. To drive it, Bien-Air has designed a control unit which matches its performance. The Optima MX^{INT} control unit and its micromotor guarantee absolute control of the bur, controlling speed, torque and automatic reversal of the direction of rotation.

The Optima MX^{INT} is particularly versatile. This control unit offers pre-programmed modes for all the main restorative operations and for endodontics. A true all-in-one system, it also makes your life simpler: two contra-angle handpieces are sufficient to perform the vast majority of dentistry operations. This results in improved comfort as well as a time saving.

Thanks to its Easy-Nav philosophy, the Optima MX^{INT} is incredibly intuitive and can be adapted to most dental chairs.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



EASY-NAV

Intuitive, simple, user-friendly navigation. You'll love this way of working: fast, logical and with added assistance. Straightforward. EASY-NAV. The professional interface.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

**OPTIMA MX^{INT} - WITH AND WITHOUT
ENDODONTIC FUNCTIONS
INTEGRABLE SYSTEM WITH REMOTE CONTROL UNIT**



With an Optima MX^{INT} set, you have the best access to electric technology. It can be easily installed on all types of pneumatic or electric units. The Optima MX^{INT} sets can be reinstalled subsequently on all new units.



Optima MX^{INT} set with DMX Standard for 1 micromotor:

- | | |
|---|------------------|
| 1 Optima MX ^{INT} control unit | ref. 1600534-001 |
| 1 sterilisable MX micromotor | ref. 1600375-001 |
| 1 4VX hose for MX micromotor | ref. 1600536-001 |
| 1 DMX Standard electronic control unit | ref. 1600472-001 |
- Ref. 1700365-001**

Set for 1 micromotor, with transformer:

- | | |
|--|------------------|
| Basic set | ref. 1700365-001 |
| 1 80-240 Vac transformer,
with 5 m 32 Vdc cable | ref. 1600591-001 |
- Ref. 1700368-001***

Set for 1 micromotor, with converter:

- | | |
|-----------------------------------|------------------|
| Basic set | ref. 1700258-001 |
| 1 converter, 24 Vac/32 Vdc-24 Vdc | ref. 1500580-001 |
- Ref. 1700275-001**

**Optima MX^{INT} set with DMX Standard for
2 micromotors, with converter:**

- | | |
|---|------------------|
| 1 Optima MX ^{INT} control unit | ref. 1600534-001 |
| 2 sterilisable MX micromotors | ref. 1600375-001 |
| 2 4VX hoses for MX micromotors | ref. 1600536-001 |
| 1 DMX Standard electronic control unit | ref. 1600472-001 |
| 1 PL DMS relay | ref. 1500554-001 |
| 1 converter, 24 Vac/32 Vdc-24 Vdc | ref. 1500580-001 |
- Ref. 1700366-001***



Optima MX^{INT} set with DMX Basic for 1 micromotor:

- | | |
|---|------------------|
| 1 Optima MX ^{INT} control unit | ref. 1600534-001 |
| 1 sterilisable MX micromotor | ref. 1600375-001 |
| 1 4VX hose for MX micromotor | ref. 1600536-001 |
| 1 DMX Basic electronic control unit | ref. 1600473-001 |
- Ref. 1700367-001***

Set for 1 micromotor, with transformer:

- | | |
|--|------------------|
| Basic set | ref. 1700367-001 |
| 1 80-240 Vac transformer,
with 5 m 32 Vdc cable | ref. 1600591-001 |
- Ref. 1700369-001**

* Supplied with bracket and mounting screws, 16-pin cable.

**DMX STANDARD AND BASIC - WITH AND WITHOUT
ENDODONTIC FUNCTIONS
INTEGRATABLE SYSTEM, WITHOUT CONTROL UNIT**



With a DMX set, the control system for your unit also controls the MX micromotor. Your distributor-installer is able to upgrade your electric or pneumatic unit with the MX technology.



DMX Standard set for 1 micromotor:

- 1 DMX Standard electronic control unit ref. 1600472-001
- 1 sterilisable MX micromotor ref. 1600375-001
- 1 4VX hose for MX micromotor ref. 1600387-001

Ref. 1700241-001

DMX Standard set for 1 micromotor, with converter:

- Basic set ref. 1700241-001
- 1 converter, 24 Vac/32 Vdc-24 Vdc ref. 1500580-001

Ref. 1700230-001

DMX Standard set for 2 micromotors, with converter:

- 1 DMX Standard electronic control unit ref. 1600472-001
- 2 sterilisable MX micromotors ref. 1600375-001
- 2 4VX hoses for MX micromotors ref. 1600387-001
- 1 PL DMS relay ref. 1500554-001
- 1 converter, 24 Vac/32 Vdc-24 Vdc ref. 1500580-001

Ref. 1700232-001



DMX Basic set for 1 micromotor:

- 1 DMX Basic electronic control unit ref. 1600473-001
- 1 sterilisable MX micromotor ref. 1600375-001
- 1 4VX hose for MX micromotor ref. 1600387-001

Ref. 1700245-001

DMX Basic set for 1 micromotor, with converter:

- Basic set ref. 1700245-001
- 1 converter, 24 Vac/32 Vdc-24 Vdc ref. 1500580-001

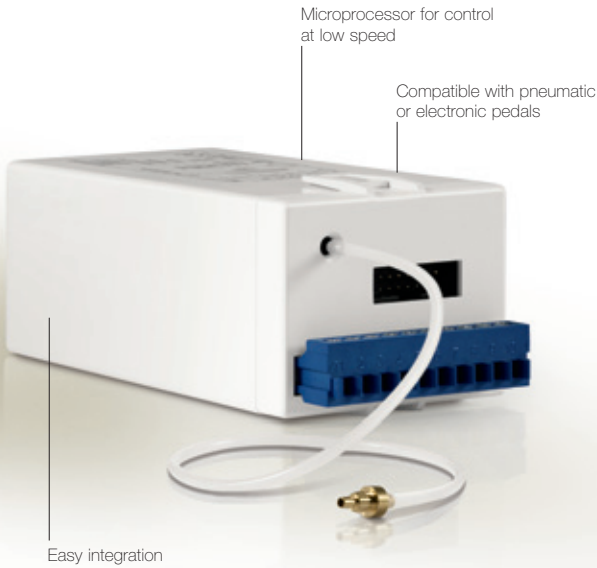
Ref. 1700231-001

DMX Basic set for 2 micromotors, with converter:

- 1 DMX Basic electronic control unit ref. 1600473-001
- 2 sterilisable MX micromotors ref. 1600375-001
- 2 4VX hoses for MX micromotors ref. 1600387-001
- 1 PL DMS relay ref. 1500554-001
- 1 converter, 24 Vac/32 Vdc-24 Vdc ref. 1500580-001

Ref. 1700233-001

PLMP 021 CONTROL UNIT



The PLMP 021 control unit is specially designed for MC3 and MC2 micromotors. Incorporating an electronically or pneumatically-driven microprocessor, it manages a particularly wide range of speeds, from 60 to 40,000 rpm.

Thanks to this control, the micromotors rotate without vibration or jolting from the lowest to the highest speeds in both directions of rotation and with a high torque, particularly at low speed.

The PLMP 021's major advantage is the unit's small dimensions.

This means it is easy to integrate into all electronic or pneumatic units.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

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PLMP 021 set

1 PLMP 021 microprocessor control unit ref. 1600350-001.
Supplied with 18 meters of electric wire, potentiometer, solenoid valve, switch, adhesive sticker and flanges for fixing to the unit
Ref. 1600351-001

PLMP 021

Control unit only
Ref. 1600350-001



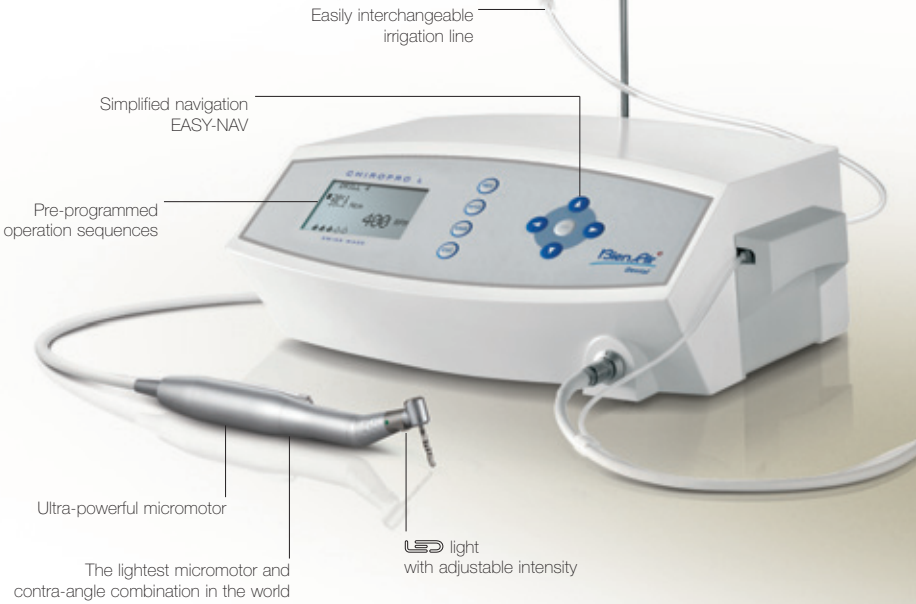
TO MEET THE MOST EXACT REQUIREMENTS

Implantology is a demanding discipline. To offer you maximum comfort and to guarantee that of your patients, Bien-Air has created high-performance systems that leave nothing to chance. Bien-Air Chiropro L and ProImplant implantology systems provide comfort, performance and versatility. Combined with outstanding instruments and micromotors, they can be considered a benchmark. Try them. You'll never look back.

IMPLANTOLOGY SYSTEMS



CHIROPRO L



Bien-Air's latest arrival, the Chiropro L is an ultra-efficient and versatile implantology, surgery and endodontics system.

With the Chiropro L, everything is designed for your comfort.

The MX-LED Chiropro micromotor, the most powerful and lightweight on the market, offers adjustable LED lighting giving equal intensity at both high and low speeds. The contra-angle incorporates a unique irrigation system which is internal to the instrument, offering ideal grip.

The Chiropro L incorporates 8 customisable complete clinical sequences for implantology.

Chiropro L – increase your expectations.



MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



EASY-NAV

Intuitive, simple, user-friendly navigation. You'll love this way of working: fast, logical and with added assistance. Straightforward. EASY-NAV. The professional interface.



GOLD CONNECT

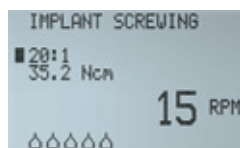
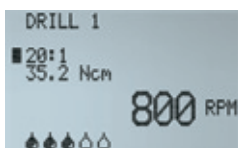
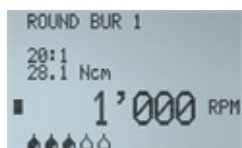
Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

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CHIROPRO L TO MEET THE MOST EXACTING REQUIREMENTS



Designed to simplify your daily practice, the Chiropro L unit is infinitely versatile, allowing numerous clinical applications such as implantology, endodontics and dental surgery.

The Chiropro L incorporates 8 customisable complete clinical sequences for implantology. The Chiropro L can also be customised according to your needs.

From preparation of the implant site to anchoring the implant, the pre-programmed clinical sequence is displayed on screen. Only a few seconds are needed to define, save or modify your programme. You can also add the implant programme of your choice.





Bien-Air has designed a new patented peristaltic pump. The single-use irrigation lines incorporate an insertion support ensuring very easy handling and optimal hygiene.



CHIROPRO L - IMPLANTOLOGY, SURGERY
AND ENDODONTICS DEVICE
FOR INSTRUMENTS WITH OR WITHOUT LIGHT



micro
SERIES

**Chiropro L basic set with CA 20:1 L
Micro-Series contra-angle**

1 Chiropro L basic set ref. 1700349-001

1 CA 20:1 L contra-angle ref. 1600692-001

Micro-Series with light

Ref. 1700350-001

Chiropro L basic set:

1 Chiropro L control unit ref. 1600679-001

1 MX-LED Chiropro micromotor ref. 1600605-001

1 MX-LED Chiropro micromotor cable ref. 1600606-001

1 3-button foot pedal ref. 1600631-001

10 sterile single-use irrigation lines ref. 1500984-010

10 irrigation line clips ref. 1303711-010

1 bracket ref. 1303393-001

1 support ref. 1301575-001

1 Asia/USA network cable ref. 1300067-001

Ref. 1700349-001



micro
SERIES



CA 20:1 L Micro-Series

Speed reducing factor of 20. Light via dual optical glass rods, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm.

Compatible with Micro-Series micromotors

Ref. 1600692-001



Irrigation lines

Set of 10 sterile, single-use irrigation lines. For Chiropro L and Prolmplant control units, flow rate adjustable from 30–150 ml/min

Ref. 1500984-010



Irrigation line clips

Set of 10 clips for Chiropro L and Prolmplant irrigation line

Ref. 1303711-010



Aquacare

Cleaning spray 500 ml.

Box of 6. Cleaning product for instruments and micromotors used with physiological liquid

Ref. 1600617-006



Maintenance Triopack

Only available from your local distributor.

PROIMPLANT

The ProImplant is a dedicated implantology system which is both simple and high-performance. Its MX Chiropro micromotor is the most powerful and lightweight on the market. The contra-angle incorporates a unique irrigation system which is internal to the instrument, offering ideal grip. The ProImplant offers 8 customisable complete clinical sequences for implantology. These modifiable programmes can be customised to suit you.





ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



EASY-NAV

Intuitive, simple, user-friendly navigation. You'll love this way of working: fast, logical and with added assistance. Straightforward. EASY-NAV. The professional interface.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

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PROIMPLANT - IMPLANTOLOGY DEVICE
FOR INSTRUMENTS WITHOUT LIGHT



Prolimplant basic set with CA 20:1 contra-angle

1 Prolimplant basic set	ref. 1700395-001
1 CA 20:1 contra-angle	ref. 1600632-001

Ref. 1700389-001

Prolimplant basic set:

1 Prolimplant control unit	ref. 1600724-001
1 MX Chiropro micromotor	ref. 1600752-001
1 MX Chiropro micromotor cable	ref. 1600606-001
1 3-button foot pedal	ref. 1600631-001
10 sterile single-use irrigation lines	ref. 1500984-010
10 irrigation line clips	ref. 1303711-010
1 bracket	ref. 1303393-001
1 support	ref. 1301575-001
1 Asia/USA network cable	ref. 1300067-001

Ref. 1700387-001

micro
SERIES



light upgrade set + Micro-Series

1 MX-LED Chiropro micromotor
1 CA 20:1 L Micro-Series

ref. 1600605-001
ref. 1600692-001

Ref. 1700385-001



Irrigation lines

Set of 10 sterile, single-use irrigation lines.
For Prolimplant and Chiropro L control units,
flow rate adjustable from 30–150 ml/min

Ref. 1500984-010



Irrigation line clips

Set of 10 clips for Prolimplant
and Chiropro L irrigation line

Ref. 1303711-010



Aquacare

Cleaning spray 500 ml.
Box of 6. Cleaning product for instruments
and micromotors used with physiological liquid

Ref. 1600617-006



Maintenance Triopack

Only available from your local distributor.

CHIROPRO 980

The Chiropro 980 is a powerful implantology and surgery system, capable of driving two micromotors. Designed to be robust, the Chiropro 980 is particularly reliable and strong. This means it meets the most stringent international safety standards. With a large backlit display, available in seven languages, and intuitive programming, the Chiropro 980 is extremely easy to use in practice. Eight programmes are available and can be modified, even during use. You also have a selection of 31 handpiece ratios. The peristaltic pump delivery is adjustable from 15 to 130 ml/min.





GOLD CONNECT

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SWISS MADE

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CHIROPRO 980 - IMPLANTOLOGY AND SURGERY DEVICE
FOR INSTRUMENTS WITHOUT LIGHT



Chiropro 980 basic set:

1 Basch micromotor	ref. 1600076-001
1 black cable for Basch micromotor	ref. 1600342-001
1 multifunction foot pedal, 2 buttons	ref. 1600281-001
1 integral peristaltic pump	
1 bracket	ref. 1500017-001
10 irrigation lines, choice of 2 flow rates	ref. 1100037-010
10 clips	ref. 1300064-010
1 holder	ref. 1301575-001

Chiropro 980 basic set for 115 Vac with:

1 control unit	ref. 1600241-001
1 US/113 network cable	ref. 1300067-001

Ref. 1700114-001

Chiropro 980 basic set for 100 Vac with:

1 control unit	ref. 1600240-001
1 US/113 network cable	ref. 1300067-001

Ref. 1700115-001



CA 20:1

Speed reducing factor of 20. Without light, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm

Ref. 1600632-001



Irrigation lines

Set of 10 sterile single-use irrigation lines with a choice of two flow rate ranges according to hose diameter: from 30 to 130 ml/min with the white silicone hose or from 15 to 65 ml/min with the green silicone hose

Ref. 1100037-010



Irrigation line clips

Set of 10 clips for Chiropro 980 irrigation line

Ref. 1300064-010



BASCH + cable set

Basch micromotor with 3 m cable, both sterilisable.

Ref. 1700074-001



Maintenance Triopack

Only available from your local distributor.

IMPLANTOLOGY INSTRUMENTS

Thanks to the exceptionally ergonomic design of the new Bien-Air 20:1 L Micro-Series implantology contra-angle, the word "comfort" takes on a whole new meaning.

This contra-angle has an irrigation system which is internal to the instrument—a world first. So your grip is not impeded by the irrigation line. The jet of physiological liquid is projected onto the bur shaft itself, providing perfect cooling, particularly when using implant guides for insertions. The CA 20:1 has a miniature head and is the lightest on the market. In addition, its shafts and gears are machined in stainless steel with high resistance to saline solutions.

The PM 1:2 straight handpiece is ideal for wisdom tooth extraction. It has been designed to withstand the considerable stresses resulting from repeated lateral pressure, while maintaining exceptional precision. A tooth can be cut rapidly and the temperature generated on contact remains low. Speed, comfort and precision are assured.





MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



DUALOOK

In addition to being robust enough to withstand all conditions, the two glass rods give an enveloping, non-dazzling light, clearly showing depth. DUALOOK: the best light on the market.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover perfectly balanced instruments, with none of the drawbacks of imbalance or vibration. The best of Swiss technology.



IDEAL GEOMETRY

Improved accessibility to areas at the rear of the mouth. Bien-Air contra-angles are designed to offer you improved handling, visibility and accessibility to the working area.



SWISS MADE

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20:1 CONTRA-ANGLES WITH INTERNAL IRRIGATION

micro
SERIES



CA 20:1 L Micro-Series

Speed reducing factor of 20. Light via dual optical glass rods, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm.

Compatible with Micro-Series micromotors

Ref. 1600692-001



CA 20:1 L

Speed reducing factor of 20. Light via dual optical glass rods, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm

Ref. 1600598-001



CA 20:1

Speed reducing factor of 20. Without light, internal irrigation, push-button bur locking, bur shank Ø 2.35 mm

Ref. 1600632-001





**CONTRA-ANGLES
WITH FIXED EXTERNAL IRRIGATION TUBE**



CA 1122

Direct drive. Without light, fixed external irrigation, push-button bur locking, bur shank Ø 2.35 mm. Fixed side irrigation tube

Ref. 1600603-001



CA 30121

Speed reducing factor of 30. Without light, fixed external irrigation, push-button bur locking, bur shank Ø 2.35 mm. With Kirschner/Meyer removable irrigation system. Irrigation set included ref. 1500028-001

Ref. 1600479-001



STRAIGHT HANDPIECES WITH EXTERNAL IRRIGATION TUBE



PM 1:1 external irrigation

Direct drive. Without light, interchangeable sleeves with or without irrigation tube, locking ring, Ø 2.35 mm bur shank

Ref. 1600052-001



PM 1:2 external irrigation

Speed increasing factor of 2. Without light, sleeve with irrigation tube, locking ring, Ø 2.35 mm bur shank, Bur Guard sterile sleeve

Ref. 1600436-001



Examples of clinical applications in implantology

	CA 1:1	PM 1:1	PM 1:2	CA 20:1	CA 30:1	Speed ranges (rpm)
Smoothing of the alveolar crest	•	•	•			40,000-80,000
Implant site marking (ball bur)	•	•		•	•	2000/2500-40,000
Drilling				•	•	500-1000
Tapping				•	•	5-30
Anchoring implants				•	•	5-30
Tightening prosthetic screws				•	•	5-30
Osteotomy		•	•			40,000-80,000
Bone graft		•	•			40,000-80,000
Wisdom tooth extraction		•	•			40,000-80,000

This table shows possible uses and does not in any way constitute recommendations for use. They apply to handpieces equipped with an irrigation system for physiological liquid.

SMOOTH AND EASY INSTRUMENT CHANGING

In your daily practice, you demand maximum comfort. To offer you this level of comfort, Bien-Air has thought of everything, right down to the very last detail. Accessories are no exception to this rule.

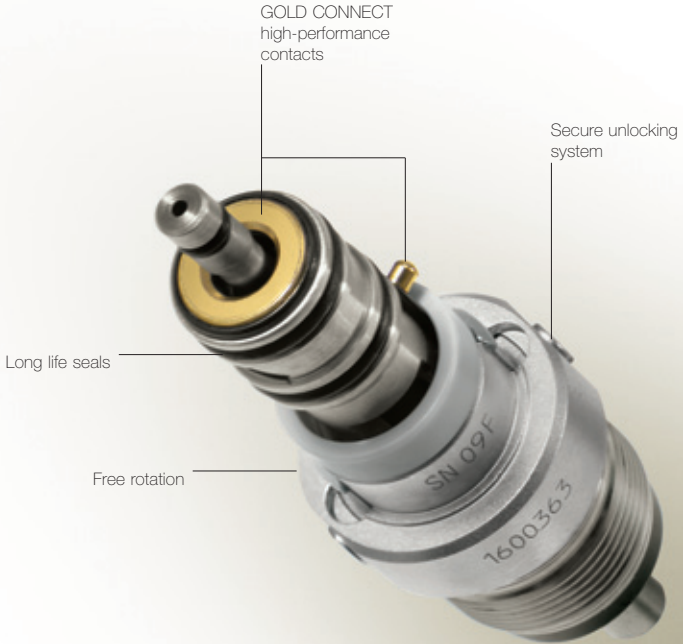
Our couplings and hoses are designed to allow you to work effortlessly with complete freedom. They are suitable for a large number of instruments, which can be interchanged in no time at all. What's more, every Bien-Air hose is individually tested in order to guarantee the very best performances. Comfort and reliability.

COUPLINGS AND HOSES





QUICK-CONNECT COUPLINGS



Whether Uni-Quick or Uni-Quick Plus, the reliability, ease of use, lightness and durability of the Bien-Air three- or four-way quick-connect couplings really sets them apart. Their ability to rotate leaves the practitioner free to work without constraints. Fitted with a quick-connect connection and an easy-to-use secure release, they can be fitted and removed in no time at all.

**FREE MOVE**

Freedom of movement for optimal working comfort. Thanks to the Unifix quick-connect coupling, Bien-Air turbines offers the best 360° swivel worldwide.

**GOLD CONNECT**

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.

**SWISS MADE**

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

UNIFIX COUPLINGS FOR INSTRUMENTS WITH LIGHT



4-way Unifix coupling

4-way quick-connect coupling, for instruments with light, with air non-return valve

Ref. 1600363-001



4-way Unifix coupling

4-way quick-connect couplings for instruments with light, with a valve for regulating the spray

Ref. 1600086-001



UNIFIX COUPLINGS FOR INSTRUMENTS WITHOUT LIGHT



4-way Unifix coupling

4-way quick-connect coupling, for instruments without light

Ref. 1600082-001



2/3-way Unifix coupling

2- or 3-way quick-connect coupling, for instruments without light

Ref. 1600081-001



Quick-connect connection by means of the new metal bayonet coupling, available in 2- or 3-way and 4-way versions with anti-retraction valve. Can be connected to 2- and 3-way hoses, without light, or 4-way with or without light. Eolia B couplings cannot be sterilised.



Eolia B 4-way quick-connect coupling
 Eolia B 4-way quick-connect coupling
 with water anti-retraction system, new generation
Ref. 1600648-001



Eolia B 2/3-way quick-connect coupling
 Eolia B quick-connect coupling, 2- or 3-way,
 new generation
Ref. 1600647-001



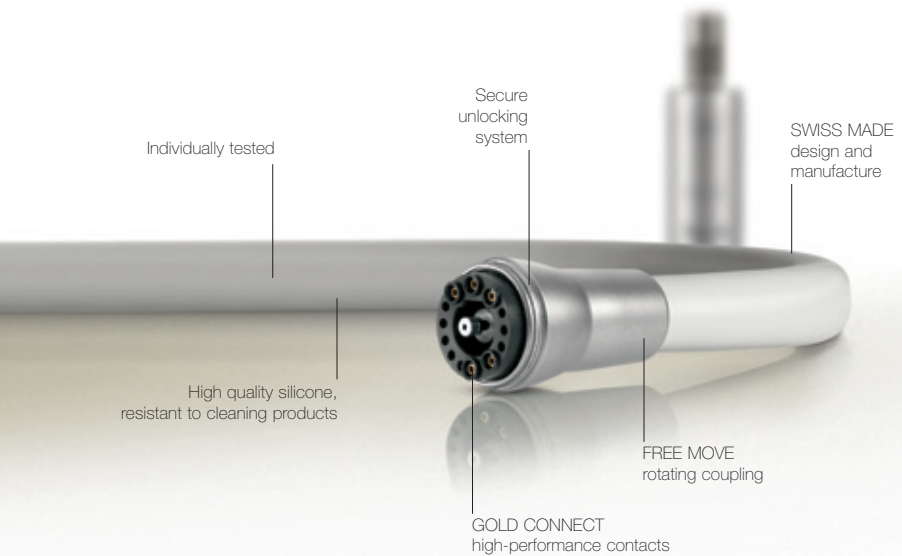
2- AND 3-WAY OUTLET ADAPTERS



Adapter
 For Bien-Air turbines and air micromotors
 with 2- or 3-way connection for 4-way hose
Ref. 1600089-001



HOSES FOR MX2 MICROMOTOR



The MX2 hose is manufactured with the same dedication to efficiency and longevity as the micromotor designed to be used with it. Made from exceptionally high quality materials, it is the ideal combination of flexibility and resistance to wear. The connection to the micromotor rotates around about 200°, guaranteeing excellent freedom of movement. Each hose is designed, assembled by hand and individually tested in Switzerland.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



MX2 hose

Coupling rotating through 400°, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600700-001



MX2 hose with bayonet connector

Coupling rotating through 400°, bayonet connector on unit side, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600762-001



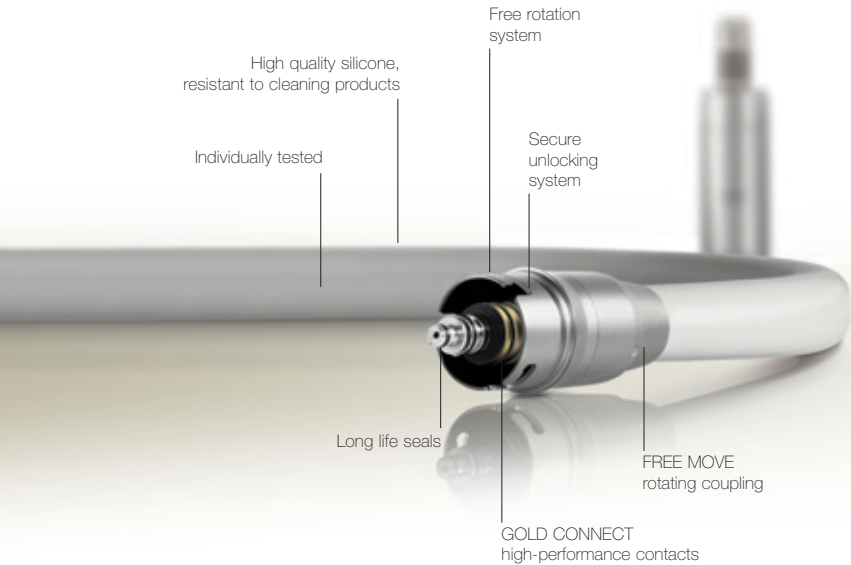
MX2 hose set with bayonet connector

Complete hose ref. 1600762-001 with bayonet connector for unit, Ø 18 mm way and anti-rotation slot, standard length 60 cm ref. 1600753-001

Ref. 1700396-001



4VX HOSES FOR MX MICROMOTOR



The 4VX hose is the indispensable complement to the MX micromotor. Made from exceptionally high-quality materials, it is the ideal combination of flexibility and resistance to wear. The connection to the micromotor rotates from 360° by means of a patented bayonet quick-connect coupling, leaving you unprecedented freedom of movement. It is available up to a length of 3 meters. Each hose is designed, assembled by hand and individually tested in Switzerland.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



4VX hoses for MX micromotor

Built-in, quick-connect rotating coupling,
Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600536-001

Ref. 1600536-0 special length



B4VX hose for MX micromotor

Built-in, quick-connect rotating coupling, bayonet connector on unit side, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600537-001

Ref. 1600537-0 special length



B4VX set for MX micromotor

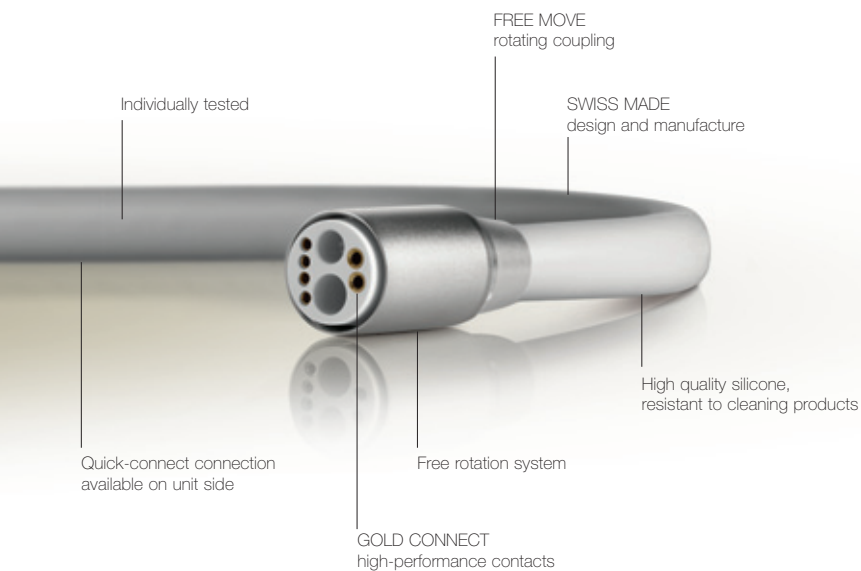
Complete hose ref. 1600428-001 with bayonet connector for unit, Ø 18 mm way and anti-rotation slot, standard length 60 cm ref. 1600278-001

Ref. 1700060-001



4VR 400 HOSES FOR MC3 MICROMOTORS

The 4VR 400 hose is specially designed for MC3 micromotors. Made from exceptionally high quality materials, it is the ideal combination of flexibility and resistance to wear. It is available up to a length of 3 meters. Lightweight and fitted with a rotating coupling, it guarantees easy use of your instruments, with or without light. Each hose is assembled by hand and individually tested in Switzerland.





FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.



4VR 400 hose for MC3 micromotor

Coupling rotating through 400°, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600397-001

Ref. 1600397-0 special length



B4VR 400 hose for MC3 micromotor

Coupling rotating through 400°, bayonet connector on unit side, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600398-001

Ref. 1600398-0 special length



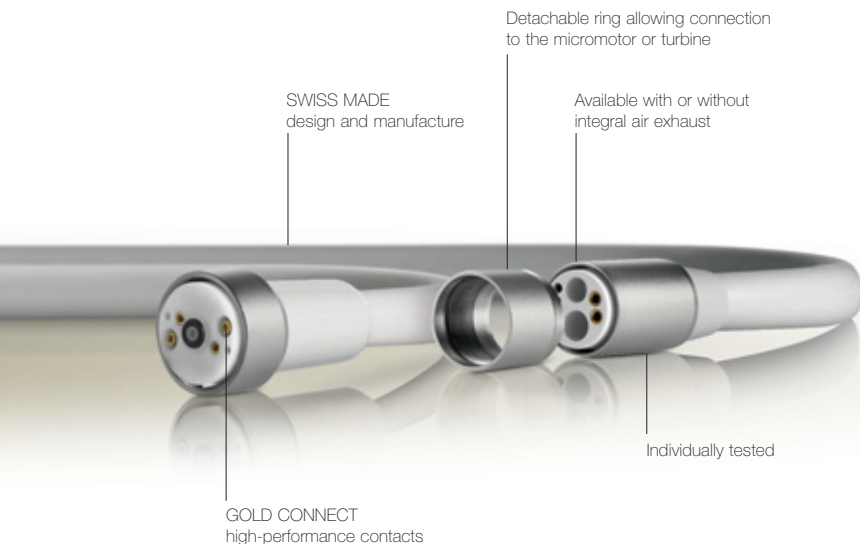
B4VR 400 set for MC3 micromotor

Complete hose ref. 1600398-001 with bayonet connector for unit, Ø 18 mm way and anti-rotation slot, standard length 60 cm ref. 1600280-001

Ref. 1700043-001



HOSES FOR MC2, MC3, AQUILON, BASCH, MX CHIROPRO AND MX- CHIROPRO MICROMOTORS AND TURBINES



Whether fitted with an air exhaust, whether intended to function with or without light, or whether or not they are sterilisable, our hoses for turbines and MC2, MC3, Aquilon, Basch and MX Chiropro micromotors offer all the qualities you'd expect from 100% Swiss Made products. They are manufactured from very high-quality materials and are extremely resistant and flexible. Each hose is assembled by hand and individually tested in Switzerland. A guarantee of quality and unflinching reliability.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air turbine/micromotor/hose combination will prove a pleasant work companion day in and day out.



GOLD CONNECT

Bien-Air equips its instruments with gold-plated electrical contacts. This provides excellent electrical conductivity and improved resistance to oxidation.



SWISS MADE

Only the most sophisticated techniques and the best materials allow the best products to be created. 100% tested, Bien Air products are designed and manufactured in the heart of the world famous Watch Valley in Switzerland.

4VLM HOSES WITH INTEGRAL AIR EXHAUST FOR TURBINES, MC3 AND AQUILON MICROMOTORS

The 4VLM hose is suitable for turbines, Aquilon air micromotors and MC3 electric micromotors, with or without light. Fitted with a fixed coupling and air exhaust, this Swiss Made hose is manufactured from high-quality materials which ensure flexibility and long service life. Lengths of up to 3 m available.



4VLM multipurpose hose, grey

With 4-way coupling with electrical connection, integral air exhaust, Ø 11 mm hose in grey silicone, standard length 1.7 m

Ref. 1600097-001

Ref. 1600097-0 special length



4VLM multipurpose hose, black

With 4-way coupling with electrical connection, air exhaust, Ø 11 mm hose in black silicone, standard length 1.7 m

Ref. 1600098-001

Ref. 1600098-0 special length



4VLM HOSES WITHOUT INTEGRAL AIR EXHAUST FOR TURBINES, MC3 AND AQUILON MICROMOTORS

The 4VLM hose without integral air exhaust is suitable for turbines, Aquilon air micromotors and MC3 electric micromotors, with or without light. Fitted with a fixed coupling, this Swiss Made hose is manufactured from high-quality materials which ensure flexibility and long service life.



4VLM multipurpose hose, grey

With 4-way coupling with electrical socket, Ø 10 mm
hose in grey silicone, standard length 1.7 m

Ref. 1600102-001

Ref. 1600102-0 special length



4VLM multipurpose hose, black

With 4-way coupling with electrical socket, Ø 10 mm
hose in black silicone, standard length 1.7 m

Ref. 1600103-001

Ref. 1600103-0 special length



HOSE WITH FIXED COUPLING FOR MC2 MICROMOTORS

141

For all MC2 series electric micromotors, with or without light.
Hoses with fixed couplings, delivered with an adaptor allowing the connection of micromotors without light. Straight or coiled hoses, black or grey. Standard length 1.7 m or special lengths up to 3 m.



Hose with fixed coupling, grey

With fixed coupling, with adapter for version without light, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600120-001

Ref. 1600120-0 special length



Hose with fixed coupling, black

With fixed coupling, with adapter for version without light, Ø 10 mm hose in black silicone, standard length 1.7 m

Ref. 1600297-001

Ref. 1600297-0 special length



Coiled hose with fixed coupling, black

With fixed coupling, with adapter for version without light, coiled black silicone, standard length 1.7 m

Ref. 1600315-001



HOSES WITH ROTATING COUPLING FOR THE MC2 WITH LIGHT

Swiss Made hose for electric micromotors with light, i.e. Isolite 100 and 300 in the MC2 series. Hoses with rotating couplings, black or grey, manufactured from high-quality materials ensuring flexibility and long service life. Standard length 1.7 m or special lengths up to 3 m.



Hose with rotating coupling, grey

With rotating coupling, Ø 10 mm hose in grey silicone, standard length 1.7 m

Ref. 1600298-001

Ref. 1600298-0 special length



Hose with rotating coupling, black

With rotating coupling, Ø 10 mm hose in black silicone, standard length 1.7 m

Ref. 1600299-001

Ref. 1600299-0 special length



STERILISABLE CABLE FOR BASCH MICROMOTOR

Swiss Made cable for Basch brushless micromotor.
Application in implantology. Hose and micromotor are sterilisable
in an autoclave at 134°C, in line with ISO 7785 standards.
Standard length 3 m or special length.

143



Cable for Basch micromotor

Cable with fixed coupling, length 3 m,
sterilisable in an autoclave at 134°C, black

Ref. 1600342-001

Ref. 1600342-0 special length



STERILISABLE CABLE FOR MX-LED CHIROPRO AND MX CHIROPRO MICROMOTORS

Swiss-Made hose for MX-LED and MX Chiropro brushless
micromotors. Application in implantology. Sterilisable
in an autoclave at 134°C, in line with ISO 7785 standards.
Length 2 m.



Cable for MX-LED Chiropro and MX Chiropro micromotors

Cable with fixed coupling, length 2 m,
sterilisable in an autoclave at 134°C, white

Ref. 1600606-001



SIMPLIFIED MAINTENANCE

Simplicity and effectiveness: these two words perfectly describe the Bien-Air range of maintenance products.

They provide you with perfect assistance in the daily use of your favourite instruments.

The Bien-Air range of maintenance products comprises four lines: Aquacare, Spraynet, Lubrifluid and Lubrimed. Each product is made for a specific cleaning and/or lubrication stage, and they work together to give your instruments impeccable hygiene and unrivalled service life.

MAINTENANCE PRODUCTS



Lubrifluide

Lubrifiant pour l'entretien des pièces à main, contre-angles et moteurs à air Bien-Air.

Lubrifier 1-2 fois par 1 seconde et avant de Tenir l'atomiseur vert. Voir notice d'entretien.

Schmiermittel zur Pflege von Bien-Air Hand- und Winkelstücken sowie Luftmotoren.

Bitte täglich ein bis 2 jeder Sterilisation wieder durchsprühen. Dose senkrecht halten. Bitte Pflegeanweisung beachten.

Lubricant for maintenance of all Bien-Air handpieces, contra-angles and air motors.

Lubricate once or twice 1 second and before cycle. Hold can in a when in use. See BI instruction.

Lubrificante para el mantenimiento de todas piezas de mano, contra-ángulos y motores de aire Bien-Air.

Lubrificar 1-2 veces a 1 segundo y antes de Mantener el atomizador. Referirse a la nota de Bien-Air.

Lubrificante per la manutenzione dei manipoli, contrangoli e motori ad aria Bien-Air.

Lubrificare 1-2 volte a sul pulsante per un secondo ogni sterilizzazione. Tenere la bomboletta le istruzioni di manutenzione.

Tous les composants correspondent aux codex pharmacologiques courants ou aux normes Foodgrade. Alle Inhaltsstoffe entsprechen den gängigen Pharmakologischen Foodgrade-Anforderungen.

All contents comply with current pharmacological or toxicological standards or the Foodgrade standards.

Tutti i componenti sono compatibili con le attuali norme farmaceutiche o tossicologiche.

MAINTENANCE SPRAYS



The Bien-Air range of maintenance sprays comprises three specific products: Aquacare, Spraynet, Lubrifluid. Each spray is made for a specific cleaning and/or lubrication stage, and they combine to offer effective and very simple maintenance.

CLEANING WITH AQUACARE

147

Cleaning spray for handpieces, contra-angles and micromotors used with physiological liquid. Particularly recommended for implantology and dental surgery instruments. Cleans irrigation tubes and dissolves impurities. Follow the recommendations given in the instructions for use that are supplied with each instrument.



Squirt into the spray tube



Squirt into the interior of handpieces and contra-angles



Squirt into MX Chiropro micromotors



Aquacare

Cleaning spray 500 ml.

Box of 6. Cleaning product for instruments and micromotors used with physiological liquid

Ref. 1600617-006



Spraynet

Cleaning spray 500 ml.

Box of 6.

For instruments and equipment

Ref. 1600036-006



Lubrifluid

500 ml spray lubricant oil. Box of 6.

For turbines, handpieces, contra-angles, and micromotors in the MX, Basch and Aquilon families

Ref. 1600064-006

For more details, please refer to the operating instructions for the instruments and devices.

CLEANING WITH SPRAYNET

Cleaning spray for instruments and appliances.

Dissolves impurities. Follow the recommendations given in the instructions for use that are supplied with each instrument.



External cleaning

It is recommended that a clean cloth sprayed with Spraynet be used to clean and maintain the surfaces of hoses, cables, non-waterproof equipment and housings and electric micromotors. Direct spraying is perfectly suitable for all contra-angles, handpieces, turbines and air and brushless electric micromotors.



Internal cleaning

Warning: Any instrument cleaned internally with Spraynet must always be relubricated before storage or sterilisation. See maintenance instructions. This procedure will ensure that the instrument runs well during each operation and for many years.



For more details, please refer to the operating instructions for the instruments and devices.

LUBRICATION WITH LUBRIFLUID

The new, even more effective lubricating solution extends the service life of your instruments and ensures they operate correctly. Follow the recommendations given in the instructions for use that are supplied with each instrument.

149



Lubricate before each sterilisation or at least twice a day.

Lubricate with the standard nozzle for handpieces, contra-angles and turbines with ball bearings: squirt for 1 second through the back of the instruments.



Standard nozzle and small adapter for brushless micromotors and air micromotors. Lubricate air micromotors via the back of the appliance for 1 second.

Important note

Not suitable for non-sterilisable brush motors or the MX2 micromotor.

For more details, please refer to the operating instructions for the instruments and devices.

LUBRIMED MEDICAL GREASE

Medical grease for turbines with ball bearings.
Packed in boxes of 6 cartridges. Turbines are lubricated using the Lubrimed greaser.

IMPORTANT: unsuitable for Eolia turbines.



First-time use:

Remove the cap and rotate the knurled rear section until grease appears at the tip. Wipe off excess grease and put the cap back on after use.



Lubricate before each sterilisation or at least twice a day.

Remove the bur and insert the tip of the greaser as far as it will go. The dose required corresponds to a half-turn of the knurled rear section. Use the reference marks.



For more details, please refer to the operating instructions for the instruments and devices.

**Lubrimed**

Medical grease for ball-bearing turbines,
except Eolia.

Box of 6 cartridges

Ref. 1600037-006

**Lubrimed greaser**

For ball bearing turbines, except Eolia

Ref. 1000003-001

**Cleaning wire**

For unblocking the spray ducts of turbines,
contra-angles and handpieces.

Box of 10

Ref. 1000001-010

BIEN-AIR QUALITY

In order to guarantee long-term optimal performance as well as constantly renewed pleasure in one's work, Bien-Air has designed a range of top-quality accessories and control instruments. These all benefit from the same attention to detail as the other products in the range. Bien-Air quality, right down the line.

ACCESSORIES AND CONTROL INSTRUMENTS



ACCESSORIES FOR TURBINES



Box of 5 bulbs

For turbines

Ref. 1500000-005



PL 822 FO without housing

Power supply for lighting,
electronically controlled

Ref. 1600140-001



PLPE 890 FO

For powering 2 lighting systems independently,
controlled pneumatically.

Outputs with 10-second time lag

Ref. 1600142-001



2/3-way Eolia B coupling

2- or 3-way bayonet quick-connect coupling,
for first generation Eolia B

Ref. 1600466-010 (10 pieces)



4-way Eolia B coupling

4-way bayonet quick-connect coupling,
for first generation Eolia B

Ref. 1600467-010 (10 pieces)




ACCESSORIES FOR MICROMOTORS

155

micro
SERIES



 light upgrade set + Micro-Series
For MC3 LK micromotor
Ref. 1501370-001



micro
SERIES



 light upgrade set + Micro-Series
For MC2 Isolite 300 micromotor
Ref. 1501369-001



Box of 5 bulbs
For micromotors
Ref. 1500007-005



ACCESSORIES FOR CONTRA-ANGLES WITH EXTERNAL IRRIGATION



Detachable Kirschner/Meyer irrigation set
Comprising 1 ring and 1 K/M tube.
For CA 30121 contra-angle with external irrigation
Ref. 1500028-001



ACCESSORIES FOR STRAIGHT HANDPIECES



Bur guard sterile sleeve

For the new generation straight handpiece PM 1:2 ref. 1600436-001.

Box of 100

Ref. 1501317-100



PM 1:2 sleeve

With external irrigation tube. For the new generation straight handpiece PM 1:2 ref. 1600436-001 with Bur Guard sterile sleeve

Ref. 1501318-001



PM 1:2 sleeves

For the previous generation straight handpiece PM 1:2 ref. 1600436-001 without Bur Guard sterile sleeve

Ref. 1500567-001 With external irrigation tube

Ref. 1500568-001 Without external irrigation tube



PM 1:1 sleeves

For straight handpiece PM 1:1 ref. 1600052-001

Ref. 1500003-001 Without external irrigation tube

Ref. 1500552-001 With external irrigation tube





PL DMS relay

For Optima MX2^{INT} and Optima MX^{INT} control units

Ref. 1500554-001



16-pin cable

For Optima MX2^{INT} and Optima MX^{INT} control units

Ref. 1500868-001



Converter

Converter IN 24 Vac / OUT 32 Vdc-24 Vdc
for DMX2 and DMX

Ref. 1500580-001



Transformer

80-240 Vac transformer, with 5 m 32 Vdc cable,
for Optima MX2^{INT} and Optima MX^{INT} control units

Ref. 1600591-001

CHIROPRO L AND PROIMPLANT ACCESSORIES



Irrigation lines

Set of 10 sterile, single-use irrigation lines.
For Chiropro L and Prolmplant control units,
flow rate adjustable from 30–150 ml/min

Ref. 1500984-010



Irrigation line clips

Set of 10 clips for Chiropro L
and Prolmplant irrigation line

Ref. 1303711-010



Chiropro L foot pedal

Pedal with 3 buttons and variable speed drive.
Functions: progressive speed,
ON/OFF peristaltic pump, programme selection,
selection of the micromotor's direction of rotation.
For Chiropro L and Prolmplant control units

Ref. 1600631-001

MISCELLANEOUS



Holder

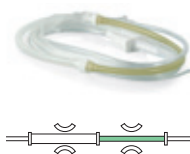
For instruments and micromotors

Ref. 1301575-001



CHIROPRO 980 ACCESSORIES

159



Chiropro 980 irrigation lines

Set of 10 sterile single-use irrigation lines with a choice of two flow rate ranges according to hose diameter: from 30 to 130 ml/min with the white silicone hose or from 15 to 65 ml/min with the green silicone hose

Ref. 1100037-010



Irrigation line clips

Set of 10 clips for Chiropro 980 irrigation line

Ref. 1300064-010



2-button pedal

For Chiropro 980 control unit

Ref. 1600281-001

MISCELLANEOUS



Holder

For instruments and micromotors

Ref. 1301575-001



MEASURING INSTRUMENTS

The air pressure gauges measure the pressure of the air entering turbines and air micromotors. The flowmeter placed on the nose of electric micromotors controls the flow of cooling air.



3-way pressure gauge
For 2- or 3-way coupling
Ref. 1600242-001



4-way pressure gauge
For 4-way coupling
with or without light
Ref. 1600243-001



Flowmeter
For series MC2, MC3, MX
and MX2 micromotors
Ref. 1600307-001



GENERAL TERMS OF SALE BIEN-AIR DENTAL SA

The terms of sale and delivery are valid for all contracts, deliveries and other services provided by Bien-Air Dental SA. Local terms and conditions of sale, warranty and delivery are available from Bien-Air subsidiaries.

Technical assistance

Technical assistance for the use of our products can be provided by direct contact, in writing, via electronic media or by demonstration.

Prices, technical data

Bien-Air Dental SA reserves the right to change the prices and technical data appearing in this catalogue and its documentation without prior notice.

Costs and invoicing within Swiss territory and for exports

Our prices are net ex works in Swiss francs (CHF). All ancillary packaging, shipment, insurance and authorisation costs are invoiced to the customer, along with costs incurred for acceptance inspection, establishing certificates or notarised documents and any other similar costs.

The minimum invoice amount is CHF 500.-.



Payment by credit card

Direct payment is accepted with the Visa®, Eurocard®, Mastercard® and American Express® credit cards.

Credit card company commission is invoiced separately.

Terms of payment

Based on a written agreement in the quote or the confirmation of order. In the event of late payment, interest on arrears will be invoiced in accordance with the rate of prevailing interest as published by Swiss banks. If the payment date agreed by the parties is not adhered to, the customer will automatically receive formal notice.

Reservation of ownership

The goods delivered shall remain the property of Bien-Air Dental SA until full payment of the corresponding invoice.

Cost and risks

The buyer shall be responsible for the goods as soon as they leave the factory (EXW), unless other provisions are contained in the contract (Incoterms 2010).

Delivery time

Delivery times shall be complied with insofar as possible provided that the buyer supplies all the documents necessary for shipment, within the deadlines required by Bien-Air Dental SA. Cases of force majeure shall discharge Bien-Air Dental SA of all obligations. Any claim for damages shall be excluded in the event of a delivery delay unless there is serious negligence on the part of Bien-Air Dental SA.

Cancellation

All order cancellations must be approved by Bien-Air Dental SA.

Liability

Bien-Air Dental SA can only be held liable in relation to the provisions herein and in accordance with the legal provisions relating to product liability, liability as a "manufacturer" as defined in Dir. 93/42/EEC for clean medical appliances and liability as a "manufacturer" as defined in Dir. 2006/42/EC for clean laboratory instruments.

The customer has sole liability for choosing products and services which meet his needs. As a professional, the customer must check the conditions of use of the products, in particular the use intended by Bien-Air Dental SA, contra-indications or warnings and, where necessary, expiry dates.

Applicable Law – Jurisdiction

Swiss law (Code of Obligations) shall be applicable in addition to the general terms and particular agreements between the customer and Bien-Air Dental SA.

Jurisdiction: 2504 Bienne, Switzerland.

GENERAL WARRANTY TERMS BIEN-AIR DENTAL SA

Bien-Air Dental SA makes every effort to provide its customers with products of impeccable quality and guarantees them, **within the limits set out herein and in special agreements concluded**, against all operating defects and material or manufacturing defects, for the following time periods starting from the invoice date and under the following conditions:

- The warranty period is 12 months for all devices.
- The warranty period is 18 months for electric micromotors in the MC2, MC3 and BASCH series.
- The warranty period is 24 months for electric micromotors in the MX, MX2, MX-LED Chiropro, MX Chiropro, Prolab Basic series.
- Bien-Air also offers a 24-month guarantee for the light conducting glass rods.
- Parts made from synthetic materials and bulbs are not covered by the warranty.

In general, the warranty does not exempt the customer from the obligation to contact Bien-Air for information in case of doubt and in particular when the product is used in conditions not originally explicitly provided for.

The buyer is obliged to check the goods received within eight days of their receipt. If the goods are not checked within the period mentioned above, the customer shall be deemed to have accepted the goods, barring hidden defects.

The defect notice must be received in writing by Bien-Air within the aforementioned period and must contain the customer's name, the date of purchase, and the product reference and serial number.

In the event of complaints, Bien-Air Dental SA or its authorised representative shall repair or replace the product free of charge, after analysing whether the complaint is justified. All other complaints of any kind whatsoever, particularly claims for damages, are excluded.

Bien-Air Dental SA shall not be held liable for damage or injury and the consequences thereof, resulting in particular from:

- excessive wear,
- inappropriate use,
- failure to comply with operating instructions, assembly instructions or maintenance instructions,
- unusual chemical, electrical or electrolytic influences,
- faulty air or water seals or electrical connections.

In any case the guarantee becomes null and void if the product is not properly serviced or is modified by third parties not authorised by Bien-Air Dental SA.

In case of dispute as to whether or not the defect exists, it shall be incumbent on the customer to prove the existence of the defect.

Guarantee claims shall be taken into consideration only upon presentation, with the product, of a copy of the invoice or delivery slip on which the date of purchase, the product reference and serial number should appear clearly.

Applicable Law – Jurisdiction

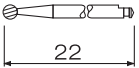
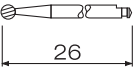
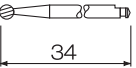
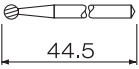
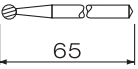
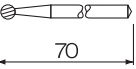

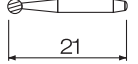
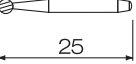
Swiss law (Code of Obligations) shall be applicable in addition to the general terms and particular agreements between the customer and Bien-Air Dental SA.

Jurisdiction: 2504 Bienne, Switzerland.

EXTRACTS FROM ISO STANDARDS AND TABLE OF TOOLS CORRESPONDING TO BIEN-AIR INSTRUMENTS

To work in optimum conditions, it is necessary to use tools (burs) of high quality which meet standards relating to diameter and length. We describe below the main characteristics of the burs and indicate the reference numbers of the corresponding international standards.

Excerpt from International Standard ISO 6360/1, Table 5

	Bur length and code number		
	Normal	Long	Extra long
ISO code 6 th digit	4	5	6
Type shank 1*	 22	 26	 34
Type shank 2*	 44.5	 65	 70
Type shank 3*	 19	 21	 25

* Shanks as per ISO 1797

Dimensions in mm

Abbreviations of locking mechanisms

- FG Friction Grip locking mechanism
- BI Screw chuck locking
- BP Push-button locking
- RO Bur locking by rotating ring

WHICH BUR FOR WHICH BIEN-AIR INSTRUMENT?

Information subject to technical modification,
without any obligation on the part of Bien-Air Dental.

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Name of instrument	Locking system	Shank dia. in mm, ISO type	Max. total length, ISO code
Turbines for dental units			
Bora	BP	1,6 / type 3	25 / code 4 to 6
Boralina	BP	1,6 / type 3	21 / code 4 to 5
Prestige	BP	1,6 / type 3	21 / code 4 to 5
Prestilina	BP	1,6 / type 3	21 / code 4 to 5
Gyro	FG + BI	1,6 / type 3	19 / code 4
Gyrolina	FG	1,6 / type 3	19 / code 4
Eolia	BP	1,6 / type 3	21 / code 4 to 5
Black Pearl Eco	BP	1,6 / type 3	21 / code 4 to 5
Contra-angles and handpieces with internal spray			
CA 1:5	BP	1,6 / type 3	21 / code 4 to 5
CA 1:1	BP	2,35 / type 1	22 / code 4
CA 10:1	BP	2,35 / type 1	22 / code 4
PM 1:1	RO	2,35 / type 2	44,5 / code 4
Implantology contra-angles with internal irrigation			
CA 20:1	BP	2,35 / type 1	22 / code 4
Contra-angles and handpieces with external irrigation			
CA 1:1	BP	2,35 / type 1	26 / code 4 to 5
CA 30:1	BP	2,35 / type 1	34 / code 4 to 6
CA 1122	BP	2,35 / type 1	26 / code 4 to 5
CA 30121	BP	2,35 / type 1	34 / code 4 to 6
PM 1:2	RO	2,35 / type 2	44,5 / code 4
PM 1:1	RO	2,35 / type 2	44,5 / code 4
Laboratory handpieces and turbines			
PM 1:1 spray ext	RO	2,35 / type 2	44,5 / code 4
PML 1:1	RO	2,35 / type 2	44,5 / code 4
TD 783 / TDS 890	FG	1,6 / type 3	25 / code 4 to 6

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1300064-010	IRRIGATION CLIP	119/159
1300067-001	CABLE MAINS 3 POLE US	110/118
1301575-001	HOLDER PM STERILIZABLE	110/158
1303393-001	IRRIGATION BAG/BOTTLE HANGER	110/114
1303711-010	IRRIGATION CLIP	111/158
1304239-001	TORQUE KEY POWERCARE	55
1304240-001	ELECTRONICS MODULE POWERCARE	55
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