

CATALOGUE

English version 2013-2014



SIMPLIFYING YOUR WORKING LIFE

Backed by over 50 years of experience in dental medicine, Bien-Air offers a range of solutions and products renowned throughout the world for their excellence. 100% Swiss Made, Bien-Air products are designed and manufactured in the heart of the famous Watch Valley, the birthplace of a unique expertise in the field of microtechnology. Famous for its implantology systems and its handpieces, Bien-Air is also the world's largest producer of superior quality micromotors for dental medicine.

Our products have been developed as a direct response to the daily practice of professionals working in the dental and surgical fields. The constant innovations emerging from this close collaboration greatly improve the quality, fluidity and safety of dental treatments and laboratory procedures. Our customers testify daily to the high quality, reliability and precision of our products. They are made to simplify your working life...
Over the long-term.





PRECISION, VERSATILITY AND ROBUSTNESS

Particularly simple and robust, Bien-Air laboratory systems or instruments enjoy a reputation for performance and reliability that is already firmly established. Backed by more than 50 years of experience in the field of rotary instruments, at first using air micromotors then electric micromotors, Bien-Air has been able to meet the increasing demands involved in the retouching of prostheses and ceramics in the laboratory. You will find an indispensable assistant in the range of laboratory systems or instruments from Bien-Air.

LABORATORY CONTROLS



PNEUMATIC CONTROLS



Particularly robust and simple to use, Bien-Air pneumatic units and their TD and TDS turbines provide the optimum response to the demands of ceramics and prosthetics specialists.

Ideal for delicate, precise work, robust and simple to use, these units are unrivalled.

The superior qualities of the STS-Trimmer unit really set it apart. Fitted with a 1.4 litre tank, it can operate autonomously for significant periods. Controlled by separate switches, the flow rate and the air/water spray mixture can be finely adjusted for optimum cooling. In combination with turbines fitted with a dustproof shield and Friction Grip chuck, Bien-Air air-driven assemblies offer you the best... Over the long term.

STS-TRIMMER PNEUMATIC CONTROL WITH SPRAY

Simple and efficient table control with a large tank, fitted with the TDS 890 straight turbine.

Specifications:

- controls the TDS 890 turbine with spray
- turbine speed up to 300,000 rpm.
- turbine ideal for delicate, precise work
- large 1.4 litre tank
- air/water mixture plus adjustable spray flow rate
- manual spray switch
- pedal to adjust turbine speed and actuate the spray
- straight hose in grey silicone, 4-way coupling
- reliability under all conditions
- allows retouching of ceramic and zirconium



STS-Trimmer set with spray

1 STS-Trimmer unit with spray	ref. 1600643-001
1 TDS 890 turbine with internal spray	ref. 1600163-001
1 pedal	ref. 1600312-001
1 straight hose with 4-way coupling	ref. 1600390-001
Ref. 1700296-001	

PNEUMATIC CONTROLS FOR TD 783 TURBINES

Simple and efficient controls, fitted with the TD 783 straight turbine. A choice of two versions, the S001 table model, stable yet compact, or the SF 811 wall or table-leg mounted unit, for extra working space.

Specifications:

- turbine speed up to 300,000 rpm.
- turbine ideal for delicate, precise work
- pedal to adjust turbine speed
- straight hose in grey silicone, internal Ø 1/8"
- reliability under all conditions



S001 set

- 1 S001 table model
- 1 TD 783 turbine
- 1 pedal
- 1 grey coiled hose, interior Ø 1/8"

Ref. 1700126-001

- ref. 1600318-001
- ref. 1600161-001
- ref. 1600312-001
- ref. 1200022-001



SF 811 set

- 1 SF 811 wall-mounted unit
- 1 TD 783 turbine
- 1 pedal
- 1 grey coiled hose, interior Ø 1/8"

Ref. 1700083-001

- ref. 1600167-001
- ref. 1600161-001
- ref. 1600312-001
- ref. 1200022-001

STRAIGHT TURBINES

With a rotation speed of 300,000 rpm, these straight laboratory turbines prove ideal for delicate, precise work. A completely unique dust protection shield helps give them an extraordinarily long service life.

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TD 783 turbine

For connection to hose, internal \varnothing 1/8" (3.17 mm),
friction grip (FG), bur shank \varnothing 1.6 mm

Ref. 1600161-001



TD 783 turbine

For 2-way coupling hose, friction grip (FG),
bur shank \varnothing 1.6 mm

Ref. 1600162-001



TDS 890 turbine with spray

For unit with STS-Trimmer spray, friction grip (FG),
4-way coupling, bur shank \varnothing 1.6 mm

Ref. 1600163-001



ELECTRICAL CONTROL



PROLAB Basic has become an essential tool. This unit and its motor place Bien-Air quality within the reach of all handpieces with type E couplings. This is a robust, high-performance micromotor. Designed without brushes or sensors, it is fitted with a self-ventilation system. Specially designed for laboratory controls, it offers vibration-free rotation and smooth acceleration at all speeds. The ideal extension for the Prolab motor, the PM 1:1 direct ratio straight handpiece is fitted with a locking ring. Prolab Basic: You can no longer do without it.

Prolab Basic laboratory table control with progressive foot pedal. For 100, 115 and 230 Vac.



Prolab Basic set with progressive pedal

- | | |
|---------------------------------|------------------|
| 1 Prolab Basic tabletop control | ref. 1600442-001 |
| 1 1000 to 40,000 rpm motor | ref. 1600443-001 |
| 1 motor cable | ref. 1600431-001 |
| 1 progressive pedal | ref. 1600440-001 |
| 1 support | ref. 1301575-001 |

Ref. 1700252-001

PROLAB BASIC TABLE CONTROL

Prolab Basic laboratory table control with ON/OFF foot pedal.
For 100, 115 and 230 Vac.



Prolab Basic set with ON/OFF pedal

1 Prolab Basic tabletop control
1 1000 to 40,000 rpm motor
1 motor cable
1 ON/OFF pedal
1 support

Ref. 1700041-001

ref. 1600442-001
ref. 1600443-001
ref. 1600431-001
ref. 1600447-001
ref. 1301575-001

STRAIGHT HANDPIECES

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PM 1:1

Without light, direct ratio, Interchangeable sleeves
with or without irrigation tube, locking ring, bur shank
Ø 2.35 mm

Ref. 1600052-001



1:1 sleeve

Without external irrigation tube.
For straight handpiece PM 1:1 ref. 1600052-001

Ref. 1500003-001



BIEN-AIR QUALITY

In order to guarantee long-term optimum 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 product range.

Bien-Air quality, right down the line.

MAINTENANCE AND ACCESSORIES



MAINTENANCE PRODUCTS



Spraynet

Cleaning spray 500 ml.

Box of 6.

For instruments and equipment

Ref. 1600036-006



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 tubes of turbines, contra-angles and handpieces.

Box of 10

Ref. 1000001-010

PROLAB BASIC ACCESSORIES

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Progressive foot pedal
Prolab Basic
Ref. 1600440-001



ON/OFF foot pedal
Prolab Basic
Ref. 1600447-001



Unit mounting
Prolab Basic
Ref. 1301220-001



Holder
For instruments and micromotors
Ref. 1301575-001

PROLAB BASIC ACCESSORIES



Prolab Basic micromotor

Self-ventilating, type E coupling as per ISO 3964,
speed of rotation 1000 to 40,000 rpm

Ref. 1600443-001



Prolab Basic black cable

For micromotor, length 3 m

Ref. 1600431-001

ACCESSORIES FOR TD 783 AND TDS 890 TURBINES



Key for friction grip (FG)

For TD 783 and TDS 890 turbines

Ref. 1000005-001



2-/3-way coupling

Allows use of the TD 783 turbine with 2-way
coupling on S001 and SF 811 units

Ref. 1500010-001

MEASURING INSTRUMENTS

The air pressure gauges measure the pressure of the air entering turbines and air motors.



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



Reference	Designation	Page No
1000001-010	TOOL CLEANING D 0.1X23MM	16
1000003-001	MAINT GREASER	16
1000005-001	TOOL BUR CHANGER TD/TDS	18
1200022-001	HOSE CONSOLE S001/SF811 GREY	8
1301220-001	HOLDER PROLAB	11/12
1301575-001	HOLDER PM STERILIZABLE	11/12/17
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