

# Dürr Dental Hygiene Technology - Systematic cleaning and disinfection

The Dürr Dental Hygiene System with added efficiency



COMPRESSED AIR  
SUCTION  
IMAGING  
DENTAL CARE

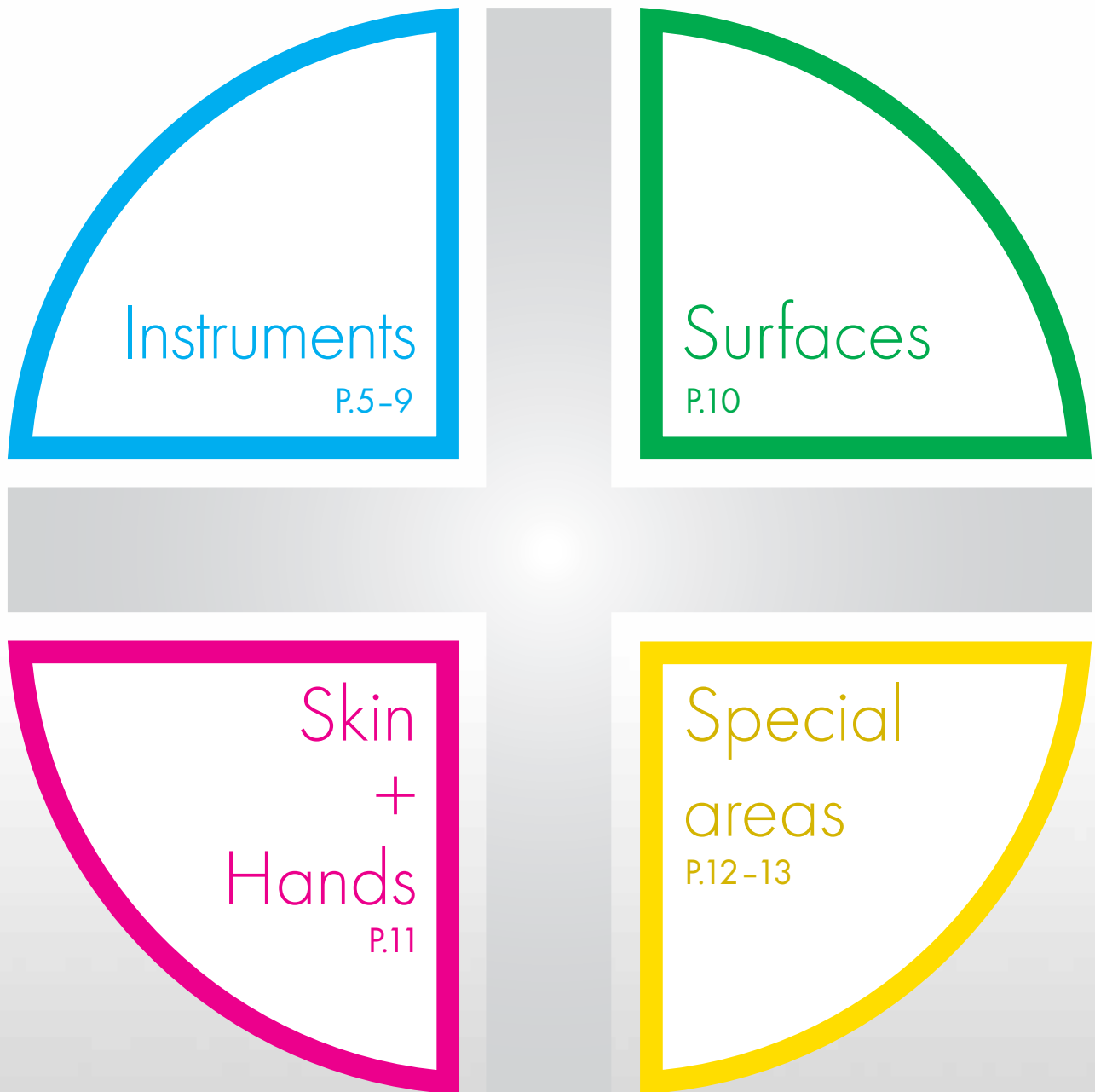
#### HYGIENE

- INSTRUMENTS
- SURFACES
- SKIN + HANDS
- SPECIAL AREAS



# Integrated, systematic hygiene solution – Added efficiency in all areas

**4 colours, 4 areas**



# Dürr Dental Hygiene Technology – Greater efficiency, greater reassurance

For more than 70 years, Dürr Dental has been synonymous with trend-setting developments in medical technology, many of which are standard applications today. With our innovative system solutions, we are constantly helping to make daily work easier, more efficient and more cost-effective in many surgeries. We strive to provide an unbeatable hygiene system consisting of technical solutions combined with our cleaning agents and disinfectants.



You can use everything in the system as required – individual elements or the entire range. These economical, potent products are impressive and effective thanks to exact dosage and their speed of use, saving you both time and money. Optimal quality and service provide you with reliability and a feeling of assurance as you go about your daily work.

**The best you can get – promised!**



# Hygasonic – Ultra-fast with ultrasound

Efficient instrument cleaning with ultrasound



## Technical Data

Voltage: 220 – 240 V

Mains Frequency: 50 – 60 Hz

Ultrasonic frequency: 37 kHz

Total power consumption: 280 W

Ultrasound effective power: 80 W

Ultrasound peak power: 320 W

Heating power: 200 W

## Dimensions: H × W × D

Unit, outside: 300 × 179 × 214 mm

Tank, inside: 240 × 137 × 100 mm

Basket, inside: 198 × 106 × 50 mm

Weight approx. 3.3 kg

## Tank

Volume, usable: 2.0 l

Volume, max.: 2.75 l

- Fast, effective instrument disinfection in combination with ID 212, 212 forte, ID 213 and Drill Disinfection ID 220
- Extensive variety of uses: cement removal & denture cleaning with MD 530 and plaster removal with MD 535
- Optimally matched accessories

**Its strength lies in its speed.** The Hygasonic saves time thanks to the impressive rapid cleaning during the preparation process. Instruments are also effectively disinfected in combination with ID products. 50% faster than in a disinfectant box!

## Overview of Hygasonic

- State-of-the-art ultrasonic technology for optimal cleaning results
- Thorough, gentle, effective cleaning
- Conserves value of instruments
- Optimal material compatibility
- Special Boost function to remove even the most stubborn dirt
- Finely tuned Sweep function for an optimal sound field spread
- Effective de-gasification of newly connected liquids with the Degas function



More information under [www.duerr.de](http://www.duerr.de)

# Hygopac Plus - The new standard for packaging processes

Verifiable sealing device as per DIN EN ISO 11607-2



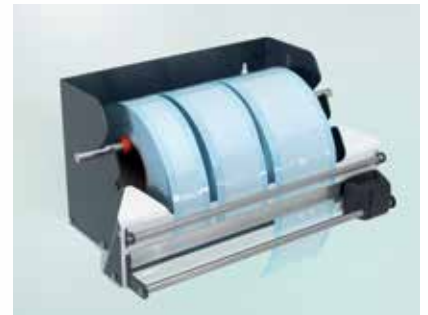
**Discover the latest market innovation in sterilised packaging. Discover Hygopac Plus.** The added advantage of being efficient, compact and functional in design. Optimal work flow concept consisting of Hygofol Station and instrument table.



Instrument table



Hygofol Station for placing on a worktop



Hygofol Station, wall-mounted

Technical Data
Voltage: 230 V
Mains Frequency: 50 - 60 Hz
Electrical power: 550 W
Heating power: 2 x 250 W
Warm-up time: approx. 3 min
Seal temperature adjustable up to 220 °C
Sealing speed: 10 m/min
Sealed seam width: 12 mm
Weight: 7.2 kg
<b>Dimensions: H x W x D</b>
170 x 370 x 140 mm



To animation

**Enjoy a new level of validation.** The new Hygopac Plus with unique validation concept – easier than ever!

#### Overview of Hygopac Plus

- Intelligent validation concept
- Process control
- Integrated process monitoring
- Data storage on SD card or via network
- High sealing speed
- Minimal space required
- Intuitive operation
- Elegant, functional design
- Compliance with technical standard
- Systematic sealing

More information under [www.duerr.de](http://www.duerr.de)

# Hygofol – Wraps with speed and efficiency



## Sterile packaging pouch

7.5 × 30 cm, 500 units

10 × 30 cm, 500 units

15 × 30 cm, 500 units

## Sterile packaging roll

5 cm × 100 m

7.5 cm × 100 m

10 cm × 100 m

15 cm × 100 m

25 cm × 100 m

**Pack it with Hygofol:** Save time with fast, standard-compliant packaging and reduce costs with roll products – now with practical ruler for optimal cutting to length. Rolls are stored away in the optional Hygofol Station, thus saving space, and are ready for use directly from the station as required.

## Overview of Hygofol

- Rolls and pouches in various sizes
- Easy handling, optimum safety
- Complies with DIN EN ISO 11607-1 requirements
- Rolls printed with ruler for optimal cutting to size

# Hygoprint – Simply effective

**System to label sterilised item packaging** – Documents pouches quickly, easily and reliably while offering ease of use and complete traceability.

## Overview of Hygoprint

- User-friendly
- Safe documentation
- Traceability



sterilisiert am:	verwendbar bis:
22 <sup>08</sup> 13	22 <sup>08</sup> 13
Charge:	Steri.-Nr.: Pers.-Nr.:
124	687 90





# Sealed seam tests – You have never been so sure about quality



**Hygoseal – Daily sealed seam testing.** The ready-to-use sealed seam test Hygoseal allows you to verify quality at a glance on a daily basis.

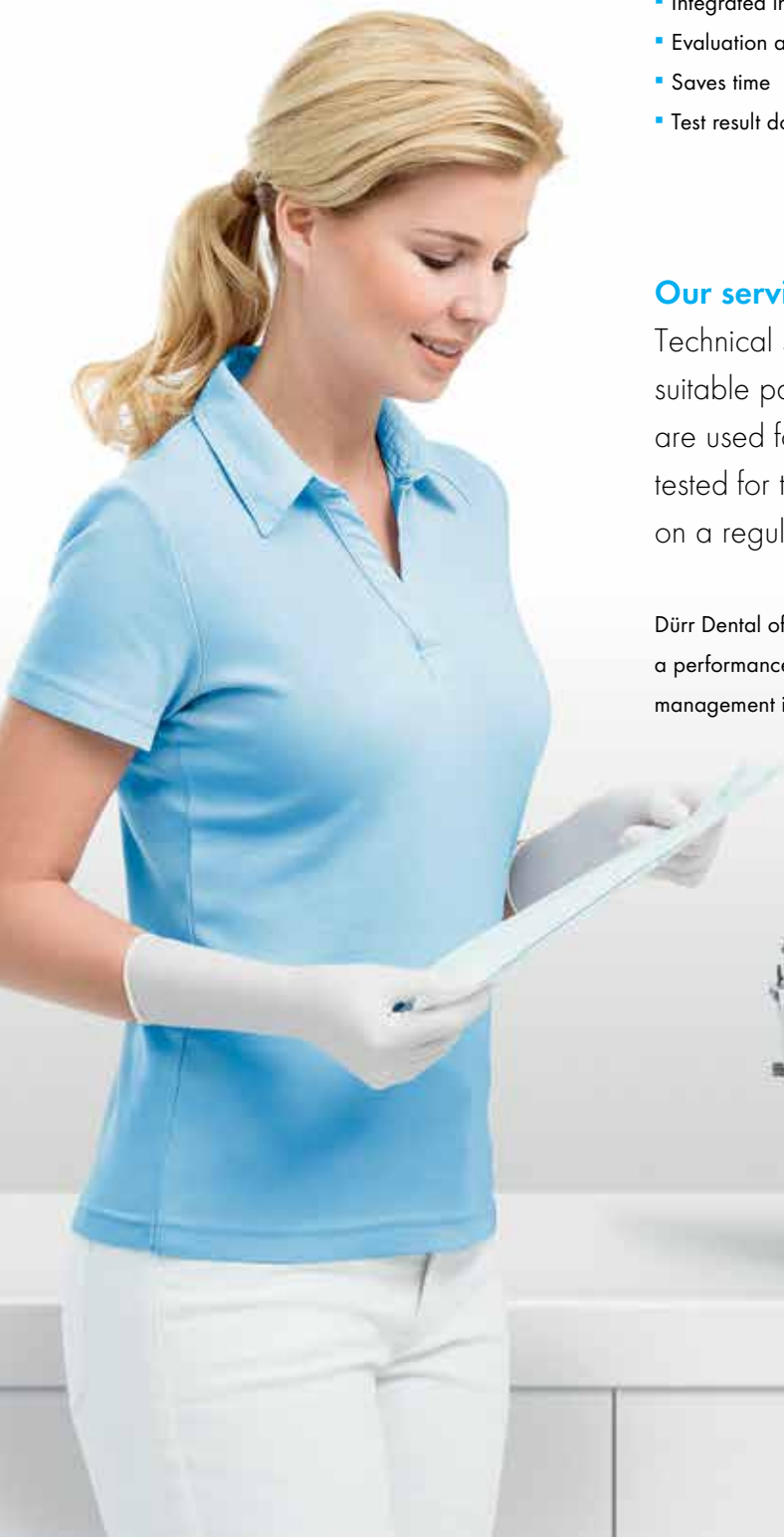
## Overview of Hygoseal

- Easy handling work processes
- Test carried out quickly with instant results
- Integrated indicator
- Evaluation as per DIN ISO 11607-2
- Saves time
- Test result documentation with quality-related certification

## Our service – The yearly sealed seam testing.

Technical standard DIN EN ISO 11607 requires proof that a suitable packaging system and the right packaging material are used for sterilised packaging. The sealed seam must also be tested for tensile strength using a standard-compliant process on a regular basis.

Dürr Dental offers this test for all standard pouch sealers. The test verifies quality and a performance record is provided for the device – an important component for quality management in your surgery.



More information under [www.duerr.de](http://www.duerr.de)

# Hygowipe Plus - The first contact with a contact free device

**Leave disinfecting to us.** Dispensing of disinfectant wipes and dry wipes is sensor-activated. Disinfect your surfaces with 25% less disinfectant thus reducing costs. Hygowipe Plus can be used as a dry wipe or disinfectant wipe dispenser as needed. The wipe length and wetting level can be adjusted as required.

## Overview of Hygowipe Plus

- Hands-free operation
- Towel and disinfectant wipe dispensers
- Space-saving - wall mount or base stand (optional)
- Use of environmentally friendly cellulose
- Exact dosage and distribution of disinfectant
- Saves costs and protects the environment
- Unit available in two versions: Hygowipe Plus dry and wet disinfectant wipe dispenser; Hygowipe: dry wipe dispenser



## Technical Data

Integrated product dispensing  
FD 322, 333, 366 sensitive

Power unit voltage 100-240 V AC

Battery voltage 6 V DC

Battery type LR20/1.5 (4)

Quantity of paper/cellulose roll 110m/  
366 wipes at a wipe length of 30 cm

Disinfectant output quantity: 6-11 ml

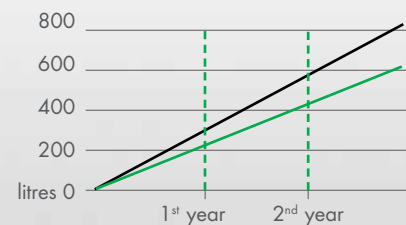
Sensor detection range: 80 mm

Weight 3 kg

**Dimensions: H x W x D**

370 x 280 x 240 mm

## Consumption of disinfection (l)



Wipe box —  
Hygowipe Plus —



Application film

Highly economical FD products from System Hygiene of Dürr Dental.

# Hygocare Plus – Flexible dosage



## Technical Data

### Battery version

Voltage: 4.5 V DC

Battery type: LR14/1.5 (3)

Battery life: about 6 months

Washing lotion output quantity: 2 ml

Disinfectant output quantity: 3 ml

Weight without preparation bottle: 1.8 kg

### Mains version

Voltage: 6 V

Washing lotion output quantity: 2 ml

Disinfectant output quantity: 3 ml

Weight without product bottle: 1.6 kg

### Dimensions: H × W × D

345 × 75 × 192 mm

**Hands-free dispenser for hand washing and disinfecting lotion.** Dispenses exactly the right amount in the right place, thus ensuring economical use of product.

## Overview of Hygocare Plus

- Hands-free dispenser system
- Dispenses accurately in the palm of hands
- Stop function with individual dosage as required
- No accidental triggering thanks to defined sensor cone
- Hygienic single-use system
- HD products for system hygiene are gentle on skin



More information under [www.duerr.de](http://www.duerr.de)

# Hygojet – The right dosage makes impression disinfection easy

## No more, no less.

Hygojet dispenses disinfectant in a closed system – You can thus work extremely efficiently and reduce costs.





### Technical Data

Consumption of disinfectant solution  
10 ml/impression

Water flow pressure: 2.5 bar

Water consumption: 2.0 l/min

Water connection: R 3/4"

Air flow pressure: 2.5 bar

Air consumption: 88 l/min

Connection for rapid-action coupler  
Ø 12 mm

Connections for discharge with incline to  
drainage pipe: Ø about 20 mm

### Dimensions: H × W × D

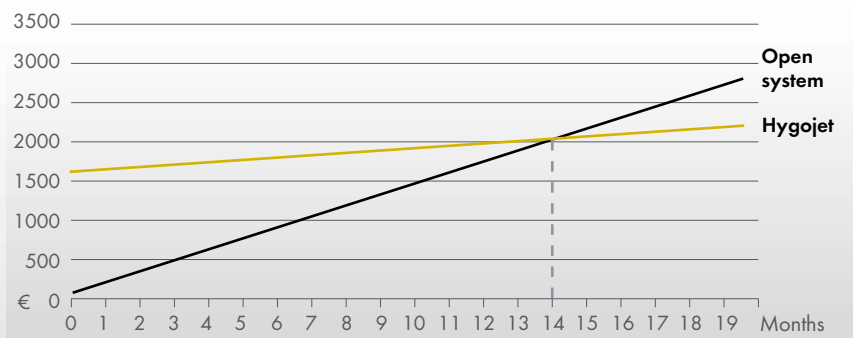
Device: 340 × 560 × 320 mm

Disinfection chamber: 200 × 300 × 250 mm

### Overview of Hygojet

- Closed system sealable disinfection unit to prevent cross-infections
- Automatic, precise dosage of MD 520 Impression Disinfection from System Hygiene of Dürr Dental
- Immediately ready for use once compressed air, water and wastewater outlet are connected
- Microbiologically effective, dimensional stability and compatibility with plaster for all standard impression materials, such as alginates, silicones, polyether rubber, hypercolloids & polysulfides
- Improved plaster flow
- Extremely cost-effective compared with disinfection in an immersion bath

### Hygojet depreciation



Hygojet compared with open systems, such as immersion tanks, with a capacity of 3 litres.

### MD 520 impression disinfection

Alcohol-free solution for effective, gentle disinfection and cleaning of impressions, denture work and other items.

More information under [www.duerr.de](http://www.duerr.de)

# Overview of Hygiene Technology

	Disinfection	VAH listed <sup>2</sup>	Meets European standard	Cleaning	Bactericidal	Tuberculocide	Fungicidal <sup>3</sup>	Virucidal to a certain extent <sup>4</sup> (enveloped viruses, incl. HBV, HCV and HIV)	Viricide (effective against all viruses)	Biodegradable	Aldehyde-free	Concentrate	Time to take effect in min.	Time to take effect in min. In ultrasonic bath	Holding time in days
<b>Instruments: Hygasonic</b>															
ID 212 instrument disinfection	■	■	■	■	■	■	■	■		■	■	2%	5/60 <sup>5</sup>	2	7
ID 212 forte instrument disinfection	■	■	■	■	■	■	■	■		■	■	2%	5/60 <sup>5</sup>	1 <sup>6</sup>	7
ID 213 instrument disinfection	■	■	■	■	■	■	■	■	■	■	■	2%	15/60 <sup>5</sup>	2 <sup>7</sup>	14
ID 220 drill disinfection	■	■	■	■	■	■	■	■	■	■	■	Notdiluted	1 <sup>5</sup>	0,5 <sup>5</sup>	7
<b>Surfaces: Hygowipe Plus</b>															
FD 322 quick disinfectant	■	■	■	■	■	■	■	■		■	■	Notdiluted	0,25 <sup>5</sup>		
FD 333 quick disinfectant	■	■	■	■	■	■	■	■	■	■	■	Notdiluted	2 <sup>5</sup>		
FD 366 sensitive Disinfection of sensitive surfaces	■	■	■	■	■	■	■	■		■	■	Notdiluted	1 <sup>9</sup>		
<b>Skin and hands: Hygocare Plus</b>															
HD 410 hand disinfection <sup>1</sup>	■	■	■		■	■	■	■		■	■	Notdiluted	0,25/1,5 <sup>8,5</sup>		
HD 412 essential hand disinfectant	■	■	■		■	■	■	■		■	■	Notdiluted	0,5/5 <sup>8,5</sup>		
HD 425 washing lotion (pH 5.4) <sup>1</sup>				■						■	■	Notdiluted			
<b>Special areas: Hygojet</b>															
MD 520 impression disinfection	■	■	■	■	■	■	■	■		■		Notdiluted	5 <sup>5</sup> /10 <sup>10</sup>		7
MD 530 cement remover/prosthesis cleaner				■						■	■	Notdiluted	max. 10	max. 10	
MD 535 plaster remover				■						■	■	Notdiluted	as required	as required	

<sup>1</sup>oil-restoring and RKI-listed <sup>2</sup>Association for Applied Hygiene <sup>3</sup>Tested with candida albicans <sup>4</sup>according to RKI recommendation (Federal Health Gazette 47, 62-66, 2004) <sup>5</sup>Including TB bacteria <sup>6</sup>For TB bacteria 4%/30 minutes <sup>7</sup>For TB bacteria 2%/30 minutes <sup>8</sup>Hygienic hand disinfection/surgical hand disinfection <sup>9</sup>for TB bacteria 2 minutes <sup>10</sup>In Hygojet