

# Dürr Dental Hygiene System – systematic cleaning and disinfection

The Dürr Dental Hygiene System with added efficiency



COMPRESSED AIR

ASPIRATION

IMAGING

DENTAL CARE

HYGIENE

▪ INSTRUMENTS

▪ SURFACES

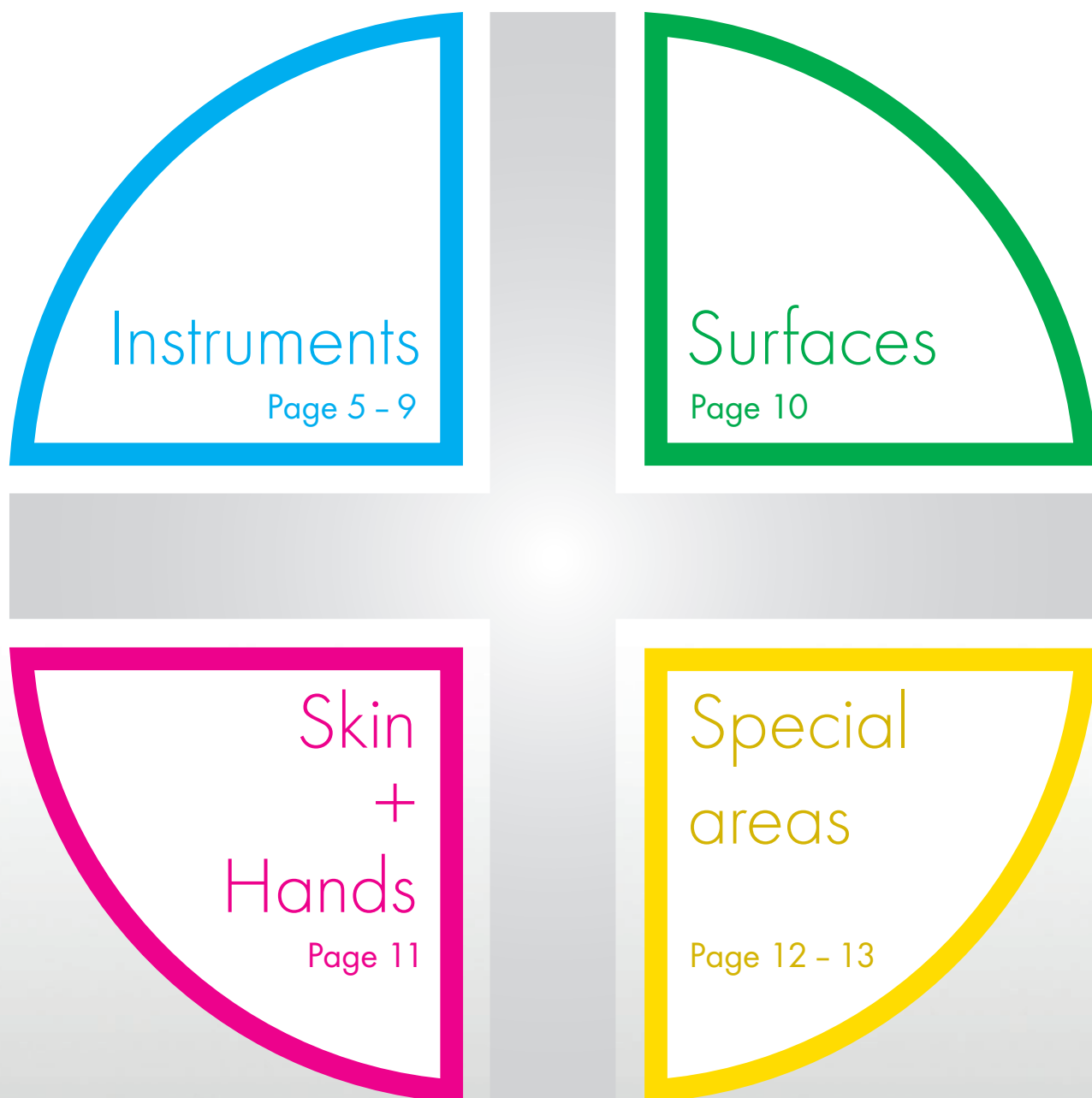
▪ SKIN + HANDS

▪ SPECIAL AREAS



# A comprehensive and systematic hygiene solution – an efficiency boost for all areas

**4 colours – 4 areas**



# Dürr Dental Hygiene System – greater efficiency thanks to our system

For more than 70 years, Dürr Dental has been synonymous with trend-setting developments in medical technology, many of which are standard practice today. With our innovative system solutions, we are constantly helping to make daily work easier, more efficient and more cost-effective in surgery. 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 you require – individual elements or the entire System Hygiene range. These economical, potent products are impressively effective thanks to their precise dosage and speed of use, thus saving you time and money. Optimum quality and service provide you with reliability and a feeling of assurance as you go about your daily work.

**Only the best for you!**



# Hygosonic – Ultra-fast with ultrasound

Efficient instrument cleaning with ultrasound



## Technical data

Voltage: 220 – 240 V

Electrical Frequency: 50 – 60 Hz

Ultrasonic frequency: 37 kHz

Power consumption: 280 W

Ultrasound output effective 80 W

Ultrasound peak power: 320 W

Heating output 200 W

## Dimensions H × W × D

Device exterior 300 × 179 × 214 mm

Bath interior 240 × 137 × 100 mm

Basket interior 198 × 106 × 50 mm

Weight approx. 3.3 kg

## Bath

Volume, usable: 2.0 l

Volume, max.: 2.75 l

- Effective and fast instrument disinfection in combination with ID 212, ID 212 forte, ID 213 and drill disinfection ID 220
- Extensive variety of uses: cement remover & prosthesis cleaner with MD 530; plaster removal with MD 535
- Optimally matched accessories

**Its strength lies in its speed.** The Hygosonic saves time and impresses with its fast cleaning results in the preparation process. Instruments are also effectively disinfected in combination with ID products, 50% faster than in a sterilisation tray!

## Overview of Hygosonic

- Modern ultrasound technology for excellent cleaning results
- Thorough, gentle, effective cleaning
- Preserves value of instruments
- Optimum material-compatibility
- Special boost function removes even the most stubborn of contamination
- Perfectly adapted 'sweep' feature for optimum sound field distribution
- Effective 'de-gassing' of refilled liquid with the 'de-gas' feature



For details, see [www.duerr.de](http://www.duerr.de)



# Hygopac Plus – the new standard for the packaging process

Validatable continuous seal unit in accordance with DIN EN ISO 11607-2



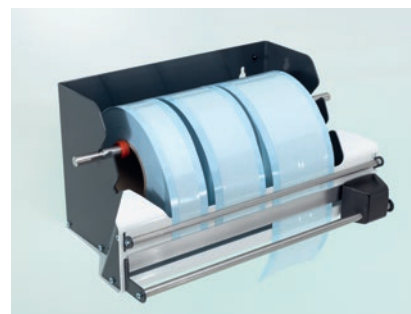
**Discover our market innovation for sterile product packaging. Discover the Hygopac Plus.** It saves time and space and has a functional design. Optimum work flow with a complete application concept consisting of Hygofol Station and instrument table.



Instrument table



Table-top Hygofol Station



Hygofol Station, wall-mounted

#### Technical data

Voltage: 230 V

Electrical Frequency: 50 – 60 Hz

Max. electrical output > 900 W

Heating output 2 × 400 W

Warm-up time: approx. 3 min

Sealing temperature adjustable  
up to 200 °C

Sealing speed: 10 m/min

Sealed seam width: 12 mm

Weight 7.3 kg

#### Dimensions H × W × D

170 × 370 × 140 mm



To animated film

**A new experience 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 via SD card or network
- High sealing speed
- Minimal space requirements
- Intuitive handling
- Elegant, functional design
- Standard compliant
- Systematic sealing

For details, see [www.duerr.de](http://www.duerr.de)

# Hygofol – wraps with speed and efficiency



## Sterile product packaging bags

7.5 × 30 cm, 500 units

10 × 30 cm, 500 units

15 × 30 cm, 500 units

## Sterile product packaging roll

5.0 cm × 100 m

7.5 cm × 100 m

10.0 cm × 100 m

15.0 cm × 100 m

25.0 cm × 100 m

**Pack it up with Hygofol** Save time with packaging that is quick and meets all standards, and reduce costs on roll material – now with a practical printed ruler for cutting to length. Storing the rolls in the space-saving Hygofol Station (optional) make them ready to use directly from the station as required.

## Overview of Hygofol

- Rolls and pouches in various sizes
- Easy handling, optimum safety
- Compliant with standards DIN EN ISO 11607-1 and EN 868-3
- Rolls printed with ruler for optimised cutting to size

# Hygoprint – simply effective

## System for labelling sterile product packaging –

documents pouches quickly, easily and reliably while offering ease of use and complete traceability.



## Overview of Hygoprint

- User-friendly
- Safe documentation
- Traceability

sterilised on:		expires on:	
22	FEB 13	22	MAR 13
Batch:	Steri. no.:	Per. no.:	
124	687	90	





# Seal tests – you have never been so sure about quality



**Hygoseal Plus – the daily seal test.** The ready-to-use Hygoseal Plus seal test enables daily quality checks at a glance.

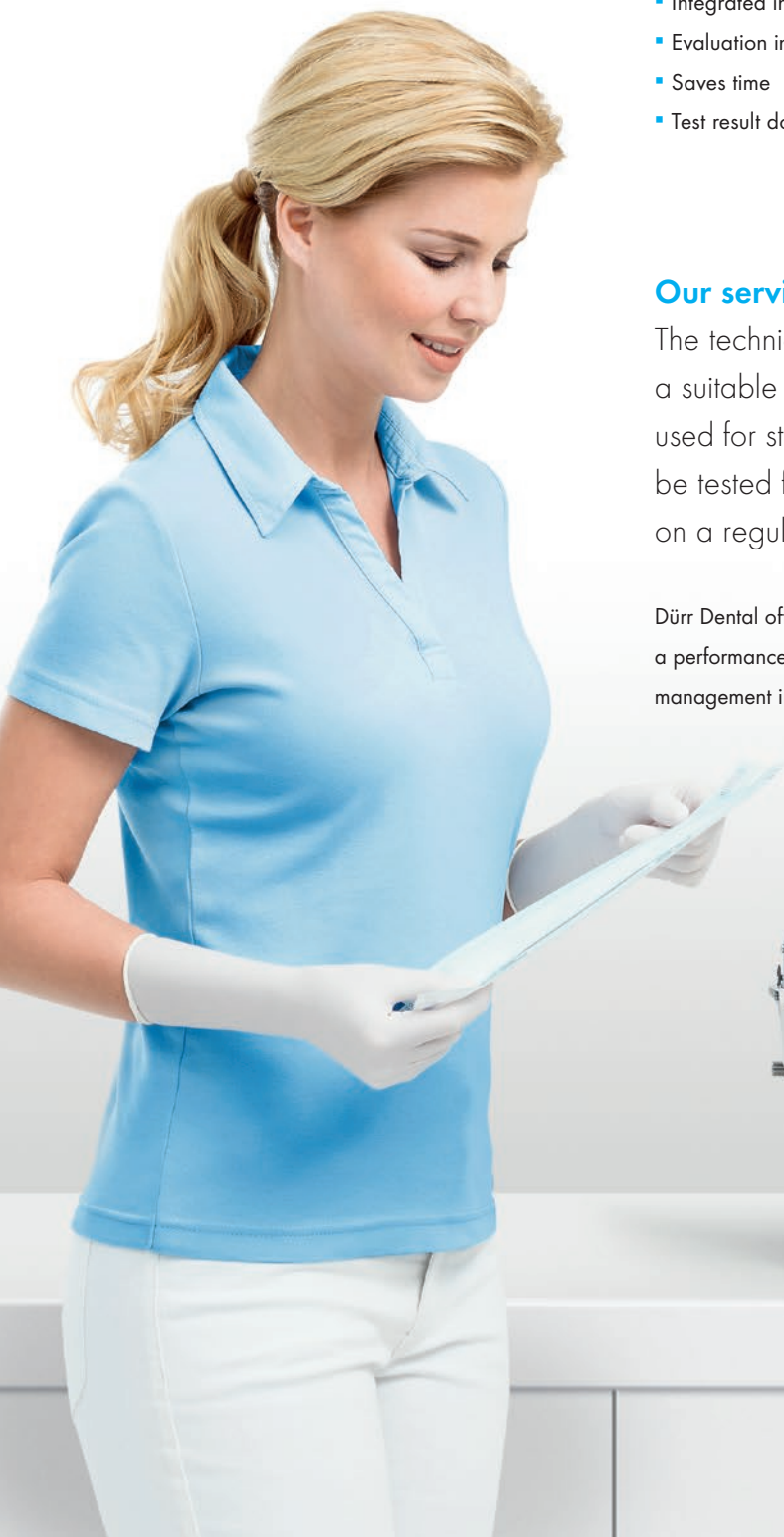
## Hygoseal Plus at a glance

- Easy-to-use incorporation in working routines
- Quick tests with fast results
- Integrated indicator
- Evaluation in accordance with DIN ISO 11607-2
- Saves time
- Test result documentation with quality-related certification

## Our service – annual testing of your sealing seam.

The technical standard DIN EN ISO 11607 requires proof that a suitable packaging system and the right packaging material are used for sterile product packaging. The sealing 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 unit – an important component for quality management in your surgery.



For details, see [www.duerr.de](http://www.duerr.de)

# Hygowipe Plus – The first contact with a contactless application

**Leave disinfecting in our hands.** The dispensing of disinfection wipes and dry wipes is sensor-activated. Disinfect your surfaces with 25% less disinfectant while reducing costs. Hygowipe Plus can be used as a handtowel or disinfectant wipe dispenser as needed. The wipe length and wetness level can be adjusted as required.

### Overview of Hygowipe Plus

- Contactless handling
- Handtowel and disinfectant wipe dispenser
- Space-saving wall or foot mounting (optional)
- Uses environmentally-friendly cellulose
- Exact dosage and distribution of disinfectant
- Saves costs and protects the environment
- Available in two versions: Hygowipe Plus handtowel and disinfectant dispenser, Hygowipe: hand towel dispenser



### Technical data

Integrated dispensing of preparations  
FD 322, 333, 366 sensitive

Power unit voltage 100 – 240 V AC

Battery voltage 6 V DC

Battery type D, LR20/1.5 (4)

Amount of paper/cellulose roll 110 m/  
366 wipes (at a length of 30 cm)

Amount of disinfectant dispensed  
4.6 – 8.6ml

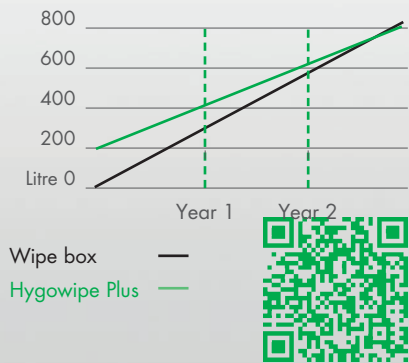
Sensor detection range: 80 mm

Weight 3 kg

### Dimensions H × W × D

370 × 280 × 240 mm

### Disinfection use (l)



Highly economical FD products from Dürr Dental System Hygiene.

# Touchless – a great feeling for hands



## Technical data

Battery voltage 7.5 V DC

Battery type (5×) mono cell ANSI D (LR 20/1.5 V)

Battery service life up to 2 years

Dosage (adjustable):  
0.75 ml/1 ml/1.25 ml/1.5 ml

Range of detection of fail-safe sensor:  
4 cm from top and bottom

Weight without batteries 1250 g

## Dimensions H × W × D

33.0 x 9.2 x 21.0 cm

**Functional, reliable and long-lasting.** Available in two sizes, the touchless Universal Dispenser combines the advantages of a manual dispenser with state-of-the-art sensor technology. Hands-free handling prevents cross-contamination.

## Touchless at a glance

- Battery operation with battery power indication by means of an audible battery replacement signal
- High standard of hygiene from anodised aluminium housing
- Ensures smooth procedures in dental practices
- Optimum hand hygiene thanks to contactless handling
- User-friendly dispenser technology
- Fail-safe sensor
- Dish holder with stainless steel bracket and detachable plastic dish (optional)
- Bench-top stand (optional)

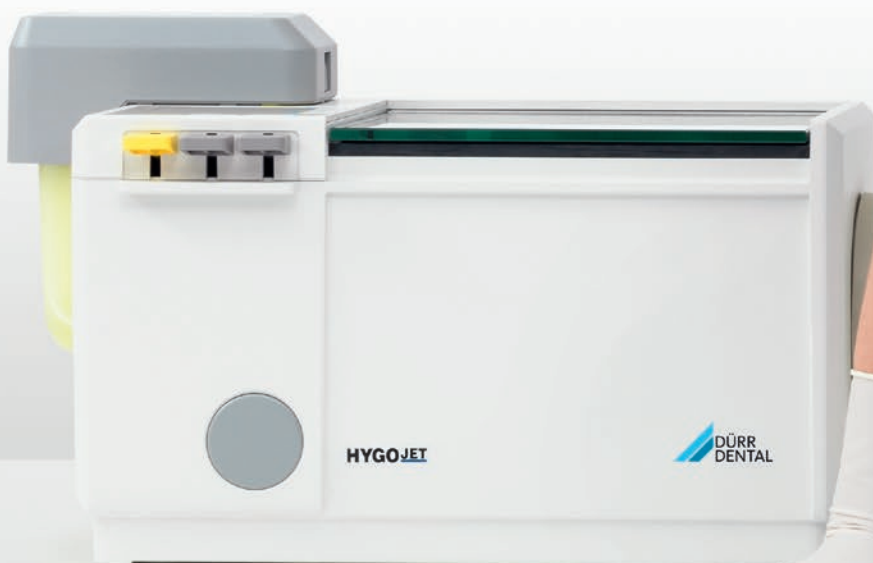


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# Hygojet – The right dose of hygiene makes impression disinfection pure pleasure

## 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 10 ml / cast
Water flow rate: 2.5 bar
Water consumption: 2.0 l/min
Water connection: R 3/4"
Air rate of flow: 2.5 bar
Air consumption: 88 l/min
Connection for quick release coupling Ø 12 mm
Connections for discharge with incline to drainage pipe: Ø c. 20 mm

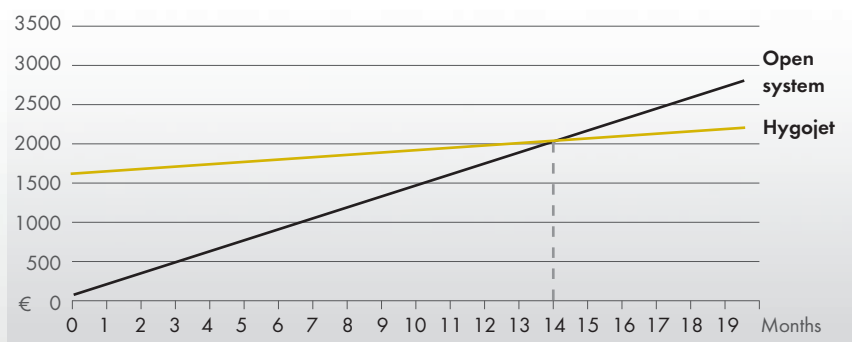
#### Dimensions H × W × D

Device 340 × 560 × 320 mm
Disinfection chamber 200 × 300 × 250 mm

#### Overview of Hygojet

- Closed system as a sealable disinfection unit used to prevent cross-infections
- Precise dosage of MD 520 impression disinfection from Dürr Dental's System Hygiene
- Immediately ready for use once compressed air, water and waste water outlet are connected
- Microbiological effectiveness, dimensional stability and compatibility with plaster for all standard impression materials, such as alginates, silicones, polyether rubber, hydrocolloids & polysulfides
- Improved plaster flow
- Extremely cost-effective compared with disinfection in an immersion bath

#### Hygojet amortisation time



Hygojet in comparison to open systems (e.g. immersion baths) with 3-litre capacity.

#### MD 520 impression disinfection

Alcohol-free application solution for the effective and material-friendly disinfection and cleaning of impressions, prosthetic work, etc.

For details, see [www.duerr.de](http://www.duerr.de)



# Overview of hygiene technology

	Disinfection	VAH listed <sup>2</sup>	Meets European standard	Cleaning	Bactericidal	Tuberculocidal	Fungicidal <sup>3</sup>	limitedly viricidal <sup>4</sup> (enveloped viruses, incl. HBV, HCV and HIV)	Viricidal (effective against all viruses)	Bio-degradable	Aldehyde-free	Concentrate	Reaction time in min.	Reaction time in min. in ultra-sonic bath	Storage time in days
<b>Instruments: Hygosonic</b>															
ID 212 Instrument disinfectant	■	■	■	■	■	■	■	■		■	■	2%	5/60 <sup>5</sup>	2	7
ID 212 forte instrument disinfectant	■	■	■	■	■	■	■	■		■	■	2%	5/60 <sup>5</sup>	2 <sup>6</sup>	7
ID 213 Instrument disinfectant	■	■	■	■	■	■	■	■	■	■	■	2%	15/60 <sup>5</sup>	2 <sup>7</sup>	14
ID 220 Drill disinfectant	■	■	■	■	■	■	■	■	■	■	■	Undiluted	1 <sup>5</sup>	0,5 <sup>5</sup>	7
<b>Surfaces: Hygowipe Plus</b>															
FD 322 Rapid disinfection	■	■	■	■	■	■	■	■		■	■	Undiluted	0,25 <sup>5</sup>		
FD 333 Rapid disinfection	■	■	■	■	■	■	■	■	■	■	■	Undiluted	1 <sup>5</sup>		
FD 366 Sensitive disinfection for sensitive surfaces	■	■	■	■	■	■	■	■		■	■	Undiluted	1 <sup>9</sup>		
<b>Skin and hands: Touchless</b>															
HD 410 Hand disinfection (400 ml or 800 ml)	■	■	■		■	■	■	■		■	■	Undiluted	0,25/1,5 <sup>8,5</sup>		
HD 412 essential hand disinfection (400 ml or 800 ml)	■	■	■		■	■	■	■		■	■	Undiluted	0,5/5 <sup>8,5</sup>		
HD 435 Washing lotion (400 ml or 800 ml) <sup>1</sup>				■						■	■	Undiluted			
HD 440 Care lotion (400 ml)										■	■	Undiluted			
<b>Special areas: Hygojet</b>															
MD 520 Impression disinfection	■	■	■	■	■	■	■	■		■		Undiluted	5 <sup>5</sup> /10 <sup>10</sup>		7
MD 530 Cement remover/prosthesis cleaner				■						■	■	Undiluted	max. 10	max. 10	
MD 535 Plaster remover				■						■	■	Undiluted	as required	as required	

<sup>1</sup> rehydrating and RKI-listed <sup>2</sup> Verbund für Angewandte Hygiene (Association for Applied Hygiene) <sup>3</sup> tested with Candida albicans <sup>4</sup> in accordance with RKI recommendations (Federal Health Bulletin 47, 62-66, 2004) <sup>5</sup> inc. 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 the Hygojet