

# GREEN&CLEAN

## INFECTION CONTROL

Hands

Surfaces

Special areas

Instruments



Safe

Clean

Efficient

Microorganisms are part of our daily lives. The risk of infection is usually not considered to be particularly high. In medical practices, however, the situation is different - the risk of infection is much higher here. The frequent change of patients and the nature of the work demand consistent hygiene measures. The responsibility of the physician towards his staff, the patient and himself calls for the use of highly effective cleaning and disinfecting agents.

With our GREEN&CLEAN products, METASYS offers you a comprehensive solution for all hygiene requirements and guidelines. Advanced active and conditioning agents ensure absolute safety and infection protection.

Ensure optimal hygiene in all areas of the dental practice with GREEN&CLEAN!

## GREEN&CLEAN HD N GREEN&CLEAN HL | GREEN&CLEAN HC

- GREEN&CLEAN HL - nourishing, antiseptic hand wash lotion
- GREEN&CLEAN HD N - disinfectant for hygienic hand disinfection and surgical hand and forearm disinfection
- GREEN&CLEAN HC - caring hand cream



## GREEN&CLEAN WD

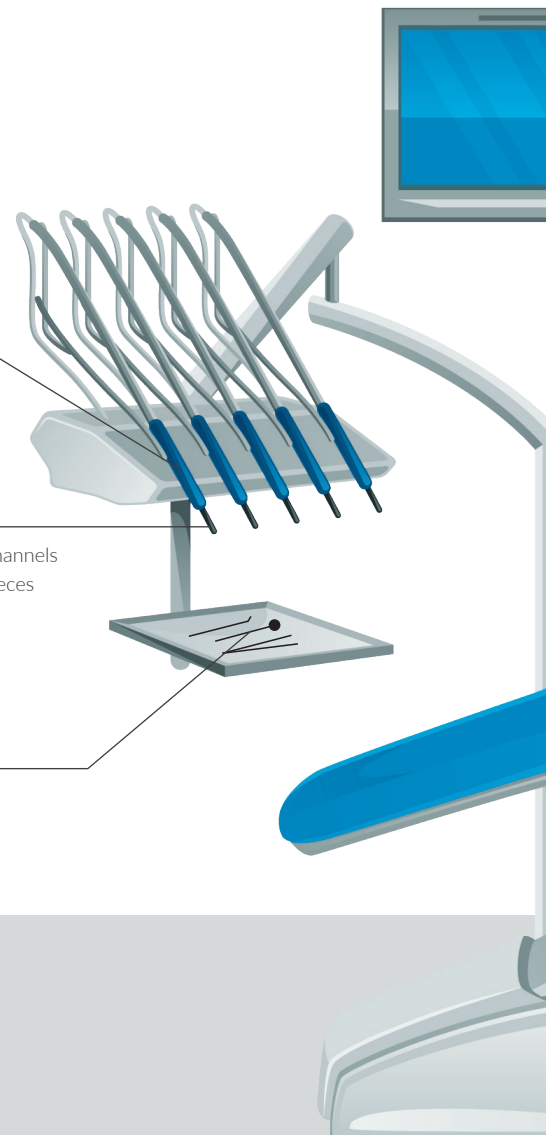
Alcoholic surface disinfection for small surfaces, such as those of straight & contra-angle handpieces

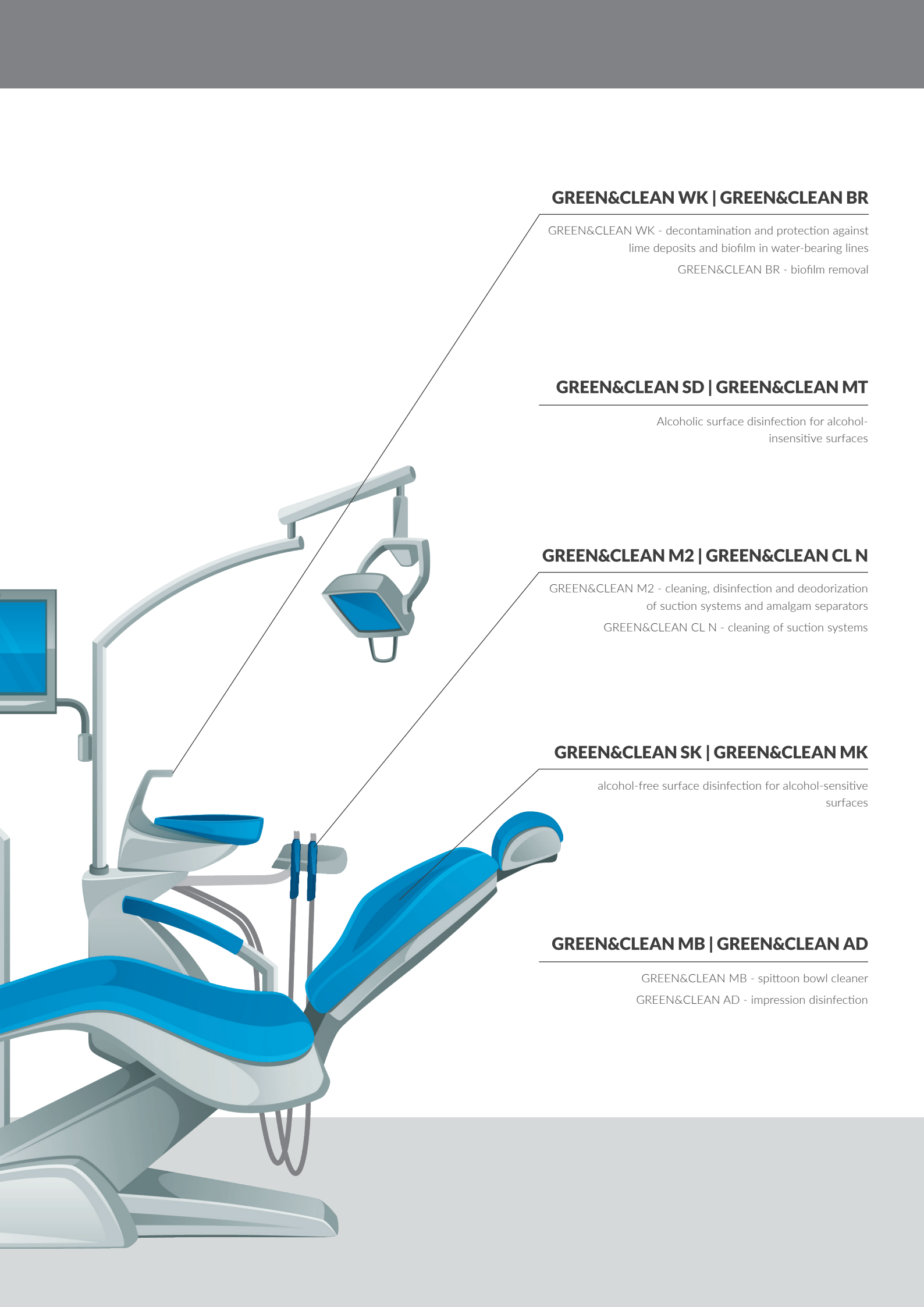
## GREEN&CLEAN IK

Disinfection of spray water and spray air channels of turbines, straight & contra-angle handpieces

## GREEN&CLEAN ID N

Disinfecting pre-cleaning of invasive and non-invasive instruments





### **GREEN&CLEAN WK | GREEN&CLEAN BR**

GREEN&CLEAN WK - decontamination and protection against lime deposits and biofilm in water-bearing lines  
GREEN&CLEAN BR - biofilm removal

### **GREEN&CLEAN SD | GREEN&CLEAN MT**

Alcoholic surface disinfection for alcohol-insensitive surfaces

### **GREEN&CLEAN M2 | GREEN&CLEAN CL N**

GREEN&CLEAN M2 - cleaning, disinfection and deodorization of suction systems and amalgam separators  
GREEN&CLEAN CL N - cleaning of suction systems

### **GREEN&CLEAN SK | GREEN&CLEAN MK**

alcohol-free surface disinfection for alcohol-sensitive surfaces

### **GREEN&CLEAN MB | GREEN&CLEAN AD**

GREEN&CLEAN MB - spittoon bowl cleaner  
GREEN&CLEAN AD - impression disinfection

GREEN  
& CLEAN

# HD N

HAND DISINFECTION

Nourishing rub-in preparation for hygienic hand disinfection and surgical hand and forearm disinfection

- > high-quality alcohols prevent the skin from drying out
- > maintains the natural pH value of the skin
- > pleasant pine scent
- > VAH listed

**Meets the following EN standards:**

- > EN 1500 Hygienic hand disinfection
- > EN 12791 Surgical hand disinfection
- > EN 14476 Virucidal efficacy
- > EN 14348 Mycobactericidal efficacy

**Modern active agent combination**

Propan-1-ol, ethanol-1

**Spectrum of efficacy**

bactericidal, fungicidal (C. albicans), tuberculocidal, fully virucidal

**Action times**

Hygienic hand disinfection:

Rub 3 ml GREEN&CLEAN HD N on hands for 30 seconds.

Surgical hand disinfection:

Rub 10 ml GREEN&CLEAN HD N on hands and forearms for 1.5 minutes.

**Order numbers**

122000009 GREEN&CLEAN HD N, 6 x euro bottles 1000 ml

122000010 GREEN&CLEAN HD N, 6 x euro bottles 500 ml

\*Use GREEN&CLEAN HD N with care. Always read label and product information before use.



## DISPENSER SYSTEMS

Dispenser systems for hand disinfectants and liquid soaps



**META TOUCHLESS**

- > dispenser system for contactless, sensor-controlled dosing for 500 ml euro bottles
- > dosage: 1.5 ml per stroke
- > flexible positioning: As tabletop dispenser or wall-mounted
- > removable drip tray

**Order number**

121000019 META TOUCHLESS  
dispenser system for 500 ml bottles



**META TOUCH**

- > wall-mounted dispenser for 1000 ml euro bottles
- > dishwasher safe and autoclavable up to 134°C
- > dosage adjustable to 0.75 ml / 1.0 ml / 1.5 ml per stroke
- > housing made of sturdy aluminum
- > easy pump removal from the front

**Order number**

121000018 META TOUCH  
wall dispenser for 1000 ml bottles

## GREEN & CLEAN HL

### HYGIENIC HAND CLEANING

Nourishing hand washing lotion with broad antimicrobial effect

- > broad antiseptic effect
- > alkali-free, pH-neutral
- > protects the natural acid mantle of the skin
- > prevents the development of skin irritations
- > with allantoin as a skin care substance



#### Order numbers

122000013	1 x euro bottle 1000 ml	122000014	1 x canister 5 l
122000011	5 x bottles 750 ml + dosing bottle	121000001	Tap for canister 5 l
122000012	6 x bottles 750 ml		

## GREEN & CLEAN HC

### HAND CARE

Caring hand cream with shea butter, ectoin and allantoin

- > suitable for sensitive skin
- > nourishes the skin and restores moisture, the skin looks supple and relaxed
- > counteracts skin cracks and brittleness
- > absorbs quickly

#### Order numbers

122000066	1 x 100 ml dispenser
122000007	6 x 100 ml dispenser



# SURFACES

## SURFACE DISINFECTION

After each treatment, surfaces that are near the patient and are contaminated by contact or aerosols, must be cleaned and disinfected. For aerosols, a dispersal radius of 2 meters must be taken into account. All surfaces farther away from the patient that have been visibly contaminated must also be disinfected immediately.

Once a working day, all other functional surfaces in the clinically used practice area must be treated with a surface disinfectant. For reasons of occupational safety, wipe disinfection is generally preferable to spray disinfection.



**GREEN & CLEAN SK**

SPRAY DISINFECTION FOR LARGE SURFACES

Alcohol-free spray disinfection for alcohol-sensitive surfaces of medical devices

- > alcohol-free free
- > short action time > CE 0044
- > ready-to-use disinfection solution
- > especially suitable for alcohol-sensitive surfaces of medical devices
- > aldehyde-, phenol- and phosphate-



**Modern active agent combination**  
Quaternary ammonium compounds

Spectrum of efficacy	Standard	Test information	Action time
Bactericidal	EN 13727	low load	1 min
Levurocidal	EN 13624	low load	1 min
4-field test (bactericidal, levurocidal)	EN 16615	low load	5 min
Limited virucidal	EN 14476 EN 16777	low load	1 min

**Order numbers GREEN&CLEAN SK**

- 122000064 1 x spray bottle 750 ml, with foamer
- 122000050 6 x spray bottles 750 ml + 2 x foamer
- 122000051 1 x canister 5 l
- 121000001 Tap for canister 5 l

**GREEN & CLEAN MK**

WIPE DISINFECTION FOR LARGE SURFACES

Wipes for alcohol-free wipe disinfection of alcohol-sensitive surfaces of medical devices

- > extra large wipes (290 x 270 mm), for use with GREEN&CLEAN SK, for wipe disinfection of large surfaces of medical devices

**Order numbers GREEN&CLEAN MK**

- 122000040 1 x dispenser with 70 wipes + 5 x wipe rolls of 70 wipes each  
1 x GREEN&CLEAN SK canister 5 l
- 122000042 2 x wipe rolls of 70 wipes each
- 122000043 1 x dispenser with 70 wipes + 5 x wipe rolls of 70 wipes each



# SURFACES

## GREEN & CLEAN SD

### SPRAY DISINFECTION FOR LARGE SURFACES

Alcohol-based spray disinfection for alcohol-insensitive surfaces of medical devices

- > short action time
  - > ready-to-use disinfection solution
  - > formaldehyde-free
- > CE 0044

#### Modern active agent combination

Ethanol, 2-propanol, quaternary ammonium compounds, glyoxal



Spectrum of efficacy	Standard	Test information	Action time
Bactericidal	EN 13727	high load	15 s
Levurocidal	EN 13624	high load	15 s
Tuberculocidal	EN 14348	high load	1 min
4-field test (bactericidal, levurocidal)	EN 16615	high load	1 min
Limited virucidal	EN 14476 EN 16777	low load	1 min

#### Order numbers GREEN&CLEAN SD

- 122000047 5 x bottles 750 ml + 2 x spray heads
- 122000045 6 x bottles 750 ml
- 122000048 1 x canister 5 l
- 122000046 2 x bottles 750 ml + 1 xspray head
- 121000001 Tap for canister 5 l

## GREEN & CLEAN MT

### WIPE DISINFECTION FOR LARGE SURFACES

Alcohol-based wipe disinfection for alcohol-insensitive surfaces of medical devices

- > extra large wipes (290 x 270 mm), for use with GREEN&CLEAN SD, for wipe disinfection of large surfaces of medical devices

#### Order numbers GREEN&CLEAN MT

- 122000044 1 x dispenser with 70 wipes + 5 x wipe rolls with 70 wipes each  
1 x 5 l GREEN&CLEAN SD canister
- 122000042 2 x wipe rolls of 70 wipes each
- 122000043 1 x dispenser with 70 wipes + 5 x wipe rolls of 70 wipes each





**GREEN & CLEAN** **WD**

WIPE DISINFECTION FOR SMALL SURFACES

Alcohol-based disinfection wipes made of tear-resistant fleece for disinfection of surfaces of medical devices (e.g. outer surfaces of handpieces & contra-angles)

- > short action time
  - > formaldehyde-free
  - > with hygienic safety seal
- > CE 0044



**Modern active agent combination**

Ethanol, 2-propanol, quaternary ammonium compounds, glyoxal

Spectrum of efficacy	Standard	Test information	Action time
Bactericidal	EN 13727	high load	30 s
Levurocidal	EN 13624	high load	30 s
Tuberculocidal	EN 14348	high load	30 s
4-field test (bactericidal, levurocidal)	EN 16615	high load	1 min
Limited virucidal	EN 14476 EN 16777	high load	30 s

**Order numbers**

- 122000052 1 x dispenser with 120 wipes
- 122000053 1 x dispenser with 120 wipes + 3 x bags of 120 wipes each
- 122000055 6 x bags of 120 wipes each
- 121000012 GREEN&CLEAN WD dispenser, empty



**GREEN  
&CLEAN**

# M2

SUCTION SYSTEM DISINFECTION

Dual, active defoaming concentrate for the daily cleaning, disinfection and deodorization of suction systems and amalgam separators

- > dual system (red / green)
- > excellent active defoaming
- > easy handling through well-designed dispenser
- > enzymatic product with excellent protein dissolving power
- > ideal for all amalgam separators and water-air separations
- > CE 0044



### Modern active agent combination

Alkylamine, quaternary ammonium compounds, enzymes

GREEN&CLEAN M2 green   Spectrum of efficacy	Standard	Test information	Action time	solution
Bactericidal	EN 13727	high load	10 min	1% solution
Levurocidal	EN 13624	high load	10 min	1% solution
Tuberculocidal	EN 14348	high load	240 min	1% solution
Germ carrier test - bactericidal	EN 14561	high load	15 min	1% solution
Germ carrier test - levurocidal	EN 14562	high load	15 min	1% solution
Limited virucidal	EN 14476	high load	60 min	1% solution

GREEN&CLEAN M2 red   Spectrum of efficacy	Standard	Test information	Action time	solution
Bactericidal	EN 13727	high load	10 min	1% solution
Levurocidal	EN 13624	high load	10 min	1% solution
Tuberculocidal	EN 14348	high load	240 min	1% solution
Germ carrier test - bactericidal	EN 14561	high load	15 min	1% solution
Germ carrier test - levurocidal	EN 14562	high load	15 min	1% solution
Limited virucidal	EN 14476	high load	60 min	1% solution

### Order numbers

122000026	2 x bottles 500 ml (1 x red, 1 x green) + dispenser
122000027	4 x bottles 500 ml (2 x red, 2 x green)
122000028	2 x bottles 500 ml (1 x red, 1 x green)
122000031	GREEN&CLEAN M2 red, 25 x bottles 500 ml
122000030	GREEN&CLEAN M2 green, 25 x bottles 500 ml
121000009	Dispenser for GREEN&CLEAN M2

# SIMPLE - EFFICIENT - UNIQUE

Disinfection and cleaning of the suction system with GREEN&CLEAN M2

- > Efficient: Broad spectrum of efficacy and high cleaning power ensure profound hygiene
- > Simple: Ergonomic dosing dispenser enables rapid disinfection process
- > Unique: Distinctive color combination as an expression of different, active ingredients for long-lasting safety



# SPECIAL AREAS

GREEN  
& CLEAN

# CLN

SUCTION SYSTEM CLEANING

Concentrate for the daily cleaning of suction systems

- > improved defoaming due to modern combination of active ingredients
  - > excellent protein dissolving power due to special enzyme mixture
  - > pleasant scent in the treatment rooms
  - > simple dosing thanks to double-neck
- bottle
- > pH-neutral user solution
  - > CE



**Modern active agent combination**

Alkyl ether carboxylic acid, subtilisin

**Order numbers**

12200004 2 x bottles 1000 ml

12100005 Mixing container for GREEN&CLEAN CLN



# GREEN & CLEAN AD

## IMPRESSION DISINFECTION

Ready-to-use solution for the sustained immersion disinfection of all prosthetics, worn dentures and dental impressions

- > short action time
- > suitable for alginates, silicones, polyethers and polysulfide
- > high material compatibility
- > formaldehyde and phenol free
- > standing time: 7 days
- > CE 0044



### Modern active agent combination

Quaternary ammonium compounds, alkylamine, tensides

Active agent	Test germ	Standard	Test information	Action time
Bactericidal	S. aureus, E. hirae, P. aeruginosa	EN 13727	high load <sup>1</sup>	2 min
Levurocidal	C. albicans	EN 13624	high load <sup>1</sup>	2 min
Germ carrier test - bactericidal	S. aureus, E. hirae, P. aeruginosa	EN 14561	high load <sup>1</sup>	5 min
Germ carrier test - levurocidal	C. albicans	EN 14562	high load <sup>1</sup>	5 min
Limited virucidal	Vacciniavirus	EN 14476	low load <sup>2</sup>	15 sec
		EN 16777	low load <sup>2</sup>	1 min

<sup>1</sup> Bovine albumin 3g/l + sheep erythrocytes 3ml/l

<sup>2</sup> Bovine albumin 0.3g/l

### Order numbers

- 122000001 1 x canister 5 l
- 121000003 Disinfection tray 1.25 l with cover and strainer
- 121000001 Tap for 5 l canister

# GREEN & CLEAN MB

## SPITTOON BOWL CLEANING

Spittoon bowl cleaner based on citric acid and enzymes, with integrated brush

- > excellent protein dissolving power due to enzymatic ingredients
- > with special defoamer
- > CE

### Modern active agent combination

Quaternary ammonium compounds, tensides, enzymes

### Order numbers

- 122000035 Dispenser bottle 180 ml, with brush
- 122000032 2 x bottles 500 ml + 2 empty dispenser bottles + 2 brushes
- 122000033 4 x bottles 500 ml + 4 brushes
- 122000034 4 x bottles 500 ml
- 122000037 4 x spare brushes
- 122000036 Dispenser bottle with brush, empty



# SPECIAL AREAS

GREEN  
& CLEAN

## BR

BIOFILM REMOVAL

4% solution for the removal of biofilm from the water-bearing lines of the dental unit with the BR biofilm cleaning device or bottle systems

- > effective biofilm removal in only 30 minutes
- > recommended for the refurbishment of dental units as well as before the installation of a water disinfection system
- > simple application due to colored solution
- > CE 0044

### Active agent

Hydrogen peroxide

### Order number

122000002 Biofilm cleaning solution, 2 x 1000 ml bottles



GREEN  
& CLEAN

## H1

CLEANING AGENT FOR THE H1 HYGIENE SYSTEM

Decontamination concentrate for the automatic METASYS hygiene system H1

- > for the continuous cleaning of the entire suction system
- > active defoaming
- > CE

### Modern active agent combination

Quaternary ammonium compounds, special tensides, enzymes

### Order number

122000005 4 x bags 500 ml



METASAN® P

WATER DISINFECTION

1.41% solution based on hydrogen peroxide, suitable for disinfection of the treatment water in Dentsply Sirona treatment units

- > continuous disinfection of the treatment water and the water-carrying pipes
- > continuous decontamination of the service water and the water-bearing lines
- > broad spectrum of efficacy
- > CE 0044

### Active agent

Hydrogen peroxide

### Order numbers

122000059 METASAN® P 6 x bottles 1000 ml



**GREEN  
&CLEAN**

# WK

WATER DECONTAMINATION

2% solution for decontamination and protection against lime deposits in the water-bearing lines in a dental unit based on hydrogen peroxide

- > wide spectrum of action
- > also suitable for bottle systems
- > prevention of lime deposits
- > CE 0044

### Active agent

Hydrogen peroxide

### GREEN&CLEAN WK test strips

- > Test strips for the visual inspection of the functionality and effectiveness of the water decontamination device
- > the color scale on the test strip indicates the concentration of GREEN&CLEAN WK in the process water

### dosing aid for bottle systems

- > suitable for GREEN&CLEAN WK 750 ml

### Order numbers

122000057 4 x bottles 750 ml  
122000056 6 x bottles 1000 ml  
121000015 WK test strips, 25 pcs.

121000016 WK test strips, 5 pcs.  
121000014 Dosing aid for bottle systems  
(for 750 ml bottle)



**GREEN  
& CLEAN**

**IK**

## DISINFECTION OF STRAIGHT & CONTRA-ANGLE HANDPIECES

Ready-to-use, alcohol-based disinfectant spray for the spray water and spray air channels of turbines, straight & contra-angle handpieces

- > short action time
- > increased application safety due to fixed adapters
- > one spray can is sufficient for approx. 300 applications at approx. 2 seconds spraying time
- > one universal adapter for all straight and contra-angle couplings and own turbine couplings
- > does not replace oil spray recommended by the manufacturer!
- > CE 0044



### Modern active agent combination

1-propanol, 2-propanol, 2-butanol, quaternary ammonium compounds

Spectrum of efficacy	Standard	Test information	Action time
Bactericidal	EN 13727	high load	1 min
Levurocidal	EN 13624	high load	1 min
Levurocidal	EN 14348	high load	1 min
Germ carrier test - bactericidal	EN 14561	high load	2 min
Germ carrier test - levurocidal	EN 14562	high load	1 min
Germ carrier test - tuberculocidal	EN14563	high load	1 min
Limited virucidal	EN 14476 EN 16777	high load	30 s

### Order numbers

2 x 200 ml spray cans incl. pre-assembled adapter:

- 122000017 Hand pieces & contra-angles (universal)
- 122000025 Turbine coupling W&H
- 122000021 Turbine coupling Bien Air
- 122000023 Turbine coupling KaVo
- 122000024 Turbine coupling Dentsply Sirona
- 122000022 Turbine coupling Castellini
- 122000018 Turbine coupling NSK
- 122000020 Handpieces & contra-angles (universal)  
Dentsply Sirona T1 Classic
- 122000019 Turbine coupling NSK Quick





**GREEN  
&CLEAN**

# ID N

## INSTRUMENT DISINFECTION

Concentrate intended for disinfecting pretreatment of invasive and non-invasive dental instruments

- > 5 l concentrate yields up to 500 l working solution at 1% concentration
- > aldehyde and phenol free
- > VAH listed
- > standing time: 14 days
- > CE 0044



### Modern active agent combination

Quaternary ammonium compounds, alkylamine, corrosion inhibitors

Spectrum of efficacy	Standard	Test information	Action time	solution
Bactericidal	EN 13727	high load	5 min	2% solution
Levurocidal	EN 13624	high load	5 min	1% solution
Tuberculocidal	EN 14348	high load	60 min	1% solution
Germ carrier test - bactericidal	EN 14561	high load	15 min	1% solution
Germ carrier test - levurocidal	EN 14562	high load	15 min	1% solution
Germ carrier test - tuberculocidal	EN 14563	high load	60 min	0.5% solution
Limited virucidal	EN 14476	low load	15 min	0.5% solution

### Order numbers

122000015	4 x bottles 500 ml + measuring beaker	121000007	Measuring beaker for GREEN&CLEAN ID N
122000016	1 x canister 5 l	121000001	Tap for canister 5 l



# GREEN&CLEAN



## HANDS

Cleaning      Disinfection      Alcoholic      Ready for use

GREEN&CLEAN HL	Hygienic hand cleaning	■			■
GREEN&CLEAN HD N	Hand disinfection		■	■	■
GREEN&CLEAN HC	Hand care				■

## SURFACES

GREEN&CLEAN SK	Spray disinfection	■	■		■
GREEN&CLEAN MK	Wipe disinfection	■	■		
GREEN&CLEAN WD	Wipe disinfection	■	■	■	■
GREEN&CLEAN SD	Spray disinfection	■	■	■	■
GREEN&CLEAN MT	Wipe disinfection	■	■	■	

## SPECIAL AREAS

GREEN&CLEAN M2 green	Suction system disinfection	■	■		
GREEN&CLEAN M2 red	Suction system disinfection	■	■		
GREEN&CLEAN H1	Cleaning agent for H1	■			■
GREEN&CLEAN CL N	Suction system cleaning	■			
GREEN&CLEAN MB	Spittoon bowl cleaning	■			■
GREEN&CLEAN WK	Water disinfection and biofilm prevention		■		
METASAN® P	Water disinfection and biofilm prevention		■		■
GREEN&CLEAN BR	Biofilm removal	■	■		■
GREEN&CLEAN AD	Impression disinfection	■	■		■

## INSTRUMENTS

GREEN&CLEAN IK	Disinfection of straight & contra-angle handpieces, turbines	■	■	■	■
GREEN&CLEAN ID N	Instrument disinfection	■	■		



Tested according to the following EN standards:

EN 13623	EN 13624	EN 13727	EN 14348	EN 14476	EN 14561	EN 14562	EN 14563	EN 16615	EN 16777	Available as
										750 ml, 1000 ml, 5000 ml
										500 ml, 1000 ml
										100 ml
	■	■		■				■	■	750 ml, 5000 ml
										70 wipes
	■	■	■	■				■	■	120 wipes
	■	■	■	■				■	■	750 ml, 5000 ml
										70 wipes
	■	■	■	■	■	■				500 ml
	■	■	■	■	■	■				500 ml
										500 ml
										1000 ml
										180 ml, 500 ml
■										750 ml, 1000 ml
■										1000 ml
■										1000 ml
	■	■		■	■	■			■	5000 ml
	■	■	■	■	■	■	■		■	200 ml
	■	■	■	■	■	■	■			500 ml, 5000 ml

# APPLICATION AIDS



## Disinfection tray 1.25 l

Order no. 121000003

## Bur disinfection box 200 ml

Order no. 121000002

## META TOUCH

Order no. 121000018

## META TOUCHLESS

Order no. 121000019

## Tap for canister 5 l

Order no. 121000001

## GREEN&CLEAN WK test strips

Order no. 121000015 - WK test strips, half-year requirement, 25 pcs.

Order no. 121000016 - WK test strips, 5 pcs.

## Dosing aid for bottle systems

Order no. 121000014

