

# Getinge Clean

## Manual Plus

A multi-enzymatic detergent with powerful cleaning and sanitising action. Specially formulated to digest proteins and other soil deposits. Suitable for manual and ultrasonic cleaning of medical instruments. Improves workplace health and safety and helps reduce cross-contamination by sanitising baths and surrounds. Non-corrosive, pH neutral and fully biodegradable.



### Instructions for use

#### Manual cleaning and endoscope baths:

- Dose 2-10 ml of Manual Plus per litre of warm water (25-45 °C). Dose up to 20 ml/l for heavily soiled instruments.
- Submerge instruments for 2-10 min. Brush and syringe as required.
- Thoroughly rinse instruments.
- Discard solution after 2-3 hours.

#### Bedside pre-cleaning of endoscopes:

- Dose 15-20 ml of Manual Plus per litre of warm water (30-45 °C).
- Wipe with a suitable wipe or sponge.
- Discard solution and used wipe immediately after use.

#### Manual cleaning of minimally invasive surgery instruments:

- Dose 10-20 ml of Manual Plus per litre of warm water (35-45 °C).
- Submerge minimally invasive instruments for 5-10 minutes. Follow manufacturer instructions if brushing and syringing is required.
- Thoroughly rinse instruments prior to automated washing or disinfection.
- Discard solution immediately after use.

#### Ultrasonic process:

- Dose 3-8 ml of Manual Plus per litre of hot water (35-60 °C).
- Dose up to 20 ml/l for heavily soiled instruments.
- Run ultrasonic bath for 2-10 min.
- Thoroughly rinse instruments prior to disinfection.
- Discard solution at least daily or after every 7-10 cycles.

## Cautions

- Do not use in automatic washers.
- Check material for compatibility before use.
- Do not mix with other chemicals.
- Do not create or breathe aerosols.
- Always cover ultrasonic baths.
- Always keep sharp instrument points inside instrument baskets to minimise risk of injuries.
- Always wear correct PPE.

## Symbols



Performance tested



Detergent



All goods



Robotic surgery instruments

## Technical data

Specific gravity (20 °C):	1.10
pH as supplied (typical):	7.6-8.5
pH in 5ml/litre (typical):	8.0-8.5
Viscosity (concentrate, 25 °C)	45 cSt

## Ingredients

Protease, lipase, amylase and cellulase enzymes, surfactants, sequestering agents and corrosion inhibitors.

## Storage information

Store in a cool, dry place protected from frost, heat and direct sunlight away from acids and strong oxidizing agents. Store upright in original containers. Keep container closed when not in use. Optimum storage temperature 20 °C. Shelf life: 36 months in original sealed containers.

## Safety and handling

Refer to Safety Data Sheet.

## Environmental awareness

Biodegradable formulation and recyclable packaging.

## CE Mark

Getinge Clean Manual Plus conforms to the European directive 93/42/EEC, Annex 1 concerning medical devices.

## Service

For technical support in regards to appropriate detergent use, please contact your local Getinge representative.

## Ordering number

Language	Ordering number	Size
EN, SV, PL, IT, ES, FR, ZH, PT, TR	6001821003	Carton 2 x 5L including pump.
EN, SV, PL, IT, ES, FR, ZH, PT, TR	6002204601	205 L

# Material compatibility

Getinge Clean manual and automated detergent range		Aluminum	Anodized Aluminum	Titanium	Non-ferrous metals	Matt chrome plated	Stainless steel	Glass	Ceramic	Rubber	Plastic
■	Heavy Soil Detergent			M		•	•	•	•	•	M
■	Universal Detergent	M	M	M	M	•	•	•	•	•	M
■	Enzymatic Detergent	•	•	•	•	•	•	•	•	•	M
■	MIS Detergent	•	•	•	•	•	•	•	•	•	•
■	Prion Detergent	•	•	•	•	•	•	•	•	•	•
■	Manual Plus	•	•	•	•	•	•	•	•	•	•
■	Neutralizer	M	M	•	•	•	•	•	•	M	M
■	Neutralizer Plus			M	M	M	•	•	M	M	M
■	Chamber Foam						•				
■	Rinse Aid	•	•	•	•	•	•	•	•	M	M
■	Instrument Lubricant	•	•	•	•	•	•				
■	Instrument Lubricant Plus	•	•	•	•	•	•				
■	Pre Treatment Foam	•	•	•	•	•	•	•	•	•	•

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This chart is only a guideline and information on the reprocessing of medical devices from the manufacturer according to EN ISO 17664 must always be followed.

M = Always refer to instrument and washer-disinfector manufacturer's guidance.