

Getinge Clean Neutralizer Plus

Multipurpose acidic detergent. Removes rust, stains and hard water scale from stainless steel instruments, equipment and washer-disinfector chambers. Restores stainless steel surface finish. Can also be used as a process additive for pH neutralization of alkaline residues.



Instructions for use

Instruments – manual procedure

In a nonporous acid compatible container, add 10 ml/l Neutralizer Plus in hot tap water ≥ 50 °C. To prevent splashing, carefully place pre-cleaned, open stainless steel instruments in the solution. Soak for 5–15 minutes (heavily stained: 15–60 minutes). Remove the instruments from the solution and rinse thoroughly. If necessary, repeat the procedure. Reprocess as recommended.

Instruments/washer-disinfectors - automated procedure

Add 5-10 ml/l Neutralizer Plus based on machine tank capacity in a stainless steel container and place in the washer disinfector chamber. Run a standard delimiting cycle at temperatures ≥ 60 °C. Rinse thoroughly. If necessary, repeat the procedure. Reprocess as recommended.

Neutralization – automated procedure

Add as required to achieve the acceptable pH reduction.

Cautions

- Do not use on polycarbonate material
- Check material for compatibility before use
- Do not mix with other chemicals
- Always wear correct PPE

Symbols



Instruments



Neutralizer

Technical data

Specific gravity (20 °C):	1.28 (typical)
pH as supplied (typical):	<1
pH at 5 ml/l in water (typical):	2
Viscosity (concentrate, 20 °C):	5.4 cSt

Ingredients

Orthophosphoric acid, Nitric acid.

Storage information

Store in a cool, dry place protected from frost and away from alkalis and strong oxidizing agents. Store upright in original containers. Optimum storage temperature 5–25 °C. Shelf life: 36 months in original, sealed containers.

Safety and handling

Refer to Safety Data Sheet.

CE Mark

CE marked in accordance with current European medical devices regulatory requirements.

Service

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

Environmental awareness

Biodegradable formulation and recyclable packaging.

Ordering number

Size (l)	Language	Ordering number	Comments
5	en, sv, da, no, fr, de, es, it, tr, ru, zh, el, pl	504300231	

Material compatibility

Always follow the cleaning instructions from the manufacturer of the items and instruments and check material for compatibility before use. The following chart serves only as a guide.

	Aluminium	Anodized aluminium	Titanium	Non ferrous metals	Matt chrome plated	Stainless steel	Glass	Ceramics	Rubber	Plastic
Getinge Clean Universal Detergent	M	M	M	M	✓	✓	✓	✓	✓	M
Getinge Clean Instrument Lubricant	✓	✓	✓	✓	✓	✓	-	-	-	-
Getinge Clean Instrument Lubricant Plus	✓	✓	✓	✓	✓	✓	-	-	-	-
Getinge Clean Pre Treatment Foam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Getinge Clean Enzymatic Detergent	✓	✓	✓	✓	✓	✓	✓	✓	✓	M
Getinge Clean Manual Plus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Getinge Clean MIS Detergent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Getinge Clean Prion Detergent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Getinge Clean Heavy Soil Detergent	-	-	M	-	✓	✓	✓	✓	✓	M
Getinge Clean Rinse Aid	✓	✓	✓	✓	✓	✓	✓	✓	M	M
Getinge Clean Chamber Foam	-	-	-	-	-	✓	-	-	-	-
Getinge Clean Neutralizer	M	M	✓	✓	✓	✓	✓	✓	M	M
Getinge Clean Neutralizer Plus	-	-	M	M	M	✓	✓	M	M	M

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✓ = The product is suitable for the material

- = The product is not suitable for the material

M = Pay special attention to the guidelines from the instruments/items manufacturer