

Automated Cleaning of Laboratory Glassware and Utensils

Cleanness

... and residue-free utensils are pre-requisites for achieving exact analyses. Different tasks in specialised laboratories involve multiple types of contamination with various physical and chemical properties. Residue-free cleaning can only be achieved with effective and specially matched process chemicals and programmes. neodisher® guarantees excellent results to meet even the highest demands.

Automated Cleaning	neodisher® LaboClean FLA	neodisher® LaboClean FT	neodisher® LaboClean FM	neodisher® FA	neodisher® LaboClean A 8	neodisher® LaboClean F	neodisher® LaboClean LA	neodisher® LaboClean UW	neodisher® LaboClean GK	neodisher® LaboClean PLM	neodisher® MA
universal applications	●				●						
high cleaning performance	●		●		●	●	●				
free of surfactants	●	●		●	●	●			●		
free of phosphates	●		●		●	●		●			
oxidising effect		●			●			●	●		
for sensitive materials				●							●

neodisher® LaboClean FLA

Alkaline universal detergent – liquid concentrate – Free of surfactants, phosphorous compounds and oxidising agents

For universal applications. With high cleaning performance. Removes stubborn oily residues and other organic residues.

Container	1000 kg	4112 03	Canister	10 l	4112 30
Drum	280 kg	4112 13	Canister	5 l	4112 33
Canister	25 kg	4112 26			



neodisher® LaboClean FT

Alkaline detergent – liquid concentrate – With oxidising effect, free of surfactants

Especially suitable for the residue-free cleaning of glassware for cell and tissue cultures, pharmacy glass bottles and infusion flasks as well as glassware for microbiology and nuclear medicine. Removes residues of culture media, residues of cell and tissue cultures, blood, proteins, radioactive contamination as well as other organic residues.

Container	1000 kg	4100 03	Canister	12 kg	4100 30
Drum	260 kg	4100 13	Canister	5 l	4100 33
Canister	25 kg	4100 26			



neodisher® LaboClean FM

Alkaline intensive detergent – liquid concentrate – Free of phosphates and oxidising agents

Highly emulsifying and dispersing action. Especially suitable for the removal of oil, fat, resins and paraffin.

Canister	20 l	4066 26	Canister	5 l	4066 33
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neodisher® FA

Alkaline detergent – liquid concentrate – Free of surfactants and oxidising agents

Excellent cleaning performance and material compatibility.

Drum	270 kg	4101 13	Canister	10 l	4101 30
Canister	25 kg	4101 26	Canister	5 l	4101 33



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neodisher® LaboClean A 8

Alkaline universal detergent – powder – Free of surfactants

For universal applications. Excellent cleaning performance and dirt carrying capacity. Removes blood, serum, food residues, pharmaceuticals, paints, varnishes, gelatine and other organic residues.

Bucket	25 kg	4102 66	Bottles	12 x 1 kg	4102 87
Bucket	10 kg	4102 76			



neodisher® LaboClean F

Highly alkaline intensive detergent – powder – Free of phosphates, surfactants and oxidising agents

With high cleaning performance. Especially suitable for the removal of resins, organic colourants and residues of felt-tip pens. Good complexing and dispersing action.

Bucket	25 kg	4105 66	Buckets	4 x 3 kg	4105 81
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neodisher® LaboClean LA

Highly alkaline intensive detergent – powder – Free of oxidising agents

With a highly emulsifying, dispersing and defoaming action. Especially suitable for the removal of fat, oil, resins and paraffin.

Bucket	25 kg	4106 66	Bottles	12 x 1 kg	4106 87
Buckets	4 x 3 kg	4106 81			



neodisher® LaboClean UW

Alkaline detergent – powder – Free of phosphates

Especially suitable for the automated cleaning of laboratory glassware and utensils in water analysis laboratories, in serological institutes and in the phosphates industry. Especially for laboratories that carry out sensitive analyses, where residues of phosphorous compounds would adulterate analysis results.

Bucket	10 kg	4109 76
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neodisher® LaboClean GK

Mildly alkaline detergent – powder – Free of surfactants

Especially suitable for the automated cleaning of glassware for cell and tissue cultures, in the field of microbiology as well as nuclear medicine and isotope laboratories. Removes residues of culture media, residues of cell and tissue cultures, radioactive contamination, organic colour and pigment contamination. Easy to rinse off.

Bucket	10 kg	4103 76
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neodisher® LaboClean PLM

Mildly alkaline detergent – powder – Free of oxidising agents

Especially suitable for the removal of the basic components of creams resp. lotions and easily emulsified residues. With defoaming properties.

Bucket	10 kg	4122 76	Bottles	12 x 1 kg	4122 87
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neodisher® MA

Mildly alkaline detergent – powder – Free of oxidising agents

Excellent cleaning performance and material compatibility.

Bucket	10 kg	4107 76	Bottles	12 x 1 kg	4107 87
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Automated Cleaning

... is a gentle reprocessing method. The short contact time with the detergent prevents glass corrosion. At the same time high temperatures in the final rinse ensure good and rapid drying. The process can – if required – be standardised, validated and documented.

Overview	neodisher® EM	neodisher® Entschäumer S	neodisher® N	neodisher® Z
cleaning enhancing	●			
defoaming properties	●			
foam preventing		●		
neutralisation			●	●

neodisher® EM

Cleaning additive – liquid concentrate –

Enhances the cleaning performance of alkaline and acidic detergents, in particular when removing solid residues, paraffin, oil and fat in watery solutions. With emulsifying, dispersing and defoaming properties.

Canister 5 l 4300 33

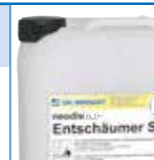


neodisher® Entschäumer S

Defoaming agent – liquid concentrate –

Prevents foaming. Even at low temperatures a small dose is sufficient. Based on emulsified silicone oils.

Canister 10 l 4301 30 | Bottles 10 x 1 l 4301 48



neodisher® N

Acidic neutralising agent and detergent – liquid concentrate – Free of surfactants

For neutralising any carried over alkaline residues or for acidic pre-cleaning resp. cleaning of laboratory glassware. Removes lime and other acid-soluble residues. Easy to rinse off. Based on phosphoric acid.

Container 1000 kg	4201 03	Canister 12 kg	4201 30
Drum 290 kg	4201 13	Canister 5 l	4201 33
Canister 25 kg	4201 26	Bottles 12 x 1 l	4201 87



neodisher® Z

Acidic neutralising agent and detergent – liquid concentrate – Free of surfactants and phosphates

For neutralising any carried over alkaline residues and for removing acid-soluble residues during the automated cleaning of laboratory glassware. Especially for laboratories that carry out sensitive analyses, where residues of phosphates and surfactants would adulterate sensitive analyses. Based on organic acids. Material compatible.

Drum 240 kg	4202 13	Canister 5 l	4202 33
Canister 20 l	4202 26	Bottles 12 x 1 l	4202 87
Canister 10 l	4202 30		



Manual Cleaning of Laboratory Glassware and Utensils

Manual Cleaning

... enables targeted treatment of stubborn soiling. The detergents can be varied depending on the soiling. Individual detergent selection ensures optimum, material-compatible reprocessing.

Manual Cleaning	neodisher® LM 2	neodisher® LM 3	neodisher® LM 10	neodisher® PM 5
liquid	●	●	●	
low-foam	●	●	●	
free of phosphates		●		
oxidising effect			●	●

neodisher® LM 2

Mildly alkaline cleaner – liquid concentrate –

For the manual cleaning and pre-cleaning of laboratory glassware in ultrasonic and immersion baths, as well as for the cleaning of pipettes in special washers and the wet autoclaving of laboratory glassware before automated cleaning. Low foam, easy to rinse off.

Canister 20 kg 4403 26 | Canister 10 l 4403 30



neodisher® LM 3

Alkaline cleaner – liquid concentrate – Free of phosphates

For manually cleaning and pre-cleaning of laboratory glassware as well as for the cleaning of pipettes and viscometers in special washers. Especially suitable for the cleaning of laboratory glassware in water, phosphates and metal laboratories and laboratories where enzymatic and serological analyses are conducted. Also suitable for automated cleaning. Low foam.

Canister 10 l 4400 30 | Bottles 12 x 1 l 4400 49



neodisher® LM 10

Alkaline cleaner – liquid concentrate – With oxidising effect, free of surfactants

For the cleaning and pre-cleaning of laboratory glassware in immersion baths and for decontaminating objects with radioactive residues. Even stubborn organic residues are easily removed. Non-foaming.

Canister 10 l 4401 30



neodisher® PM 5

Mildly alkaline cleaner – powder –

For the manual cleaning of laboratory glassware in immersion baths. Self-acting cleaning performance against blood, proteins, food residues, inorganic and organic residues. Excellent material compatibility. Very easy to rinse off.

Buckets 4 x 3 kg 4402 81

