



**DR. WEIGERT**

Lab



Cleaning and Disinfection of  
Laboratory Glassware, Animal  
Housing and Industrial Warewashing

**The Product Range**



## neodisher® – Our Experience for Your Safety

**Dr. Weigert has been a pioneer in automated cleaning of laboratory glassware and utensils. For over 30 years, neodisher® has been at the forefront of the technological development of automated cleaning and has been setting the standards. The neodisher® concept guarantees first class sustainable results, the safeguarding of values and residue-free cleanness.**

**Our expertise can solve even the most difficult cleaning tasks: in cleaning laboratory glassware, animal cages and industrial parts. Competence you can trust.**

## Competence under One Roof

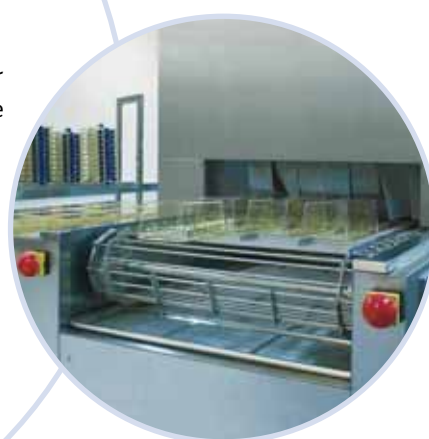
● Cleanness and residue-free utensils are the pre-requisites for achieving exact analyses and experiment results in the laboratory. The cleanness of laboratory animal houses is essential as well as hygienic control for further processing in industrial production. Different tasks in specialised laboratories involve multiple types of contamination with various physical and chemical properties – make use of our competence. The expertise of our technical sales force is a strong point for Dr. Weigert. We are pleased to advise you on all questions about automated cleaning.

Innovative process chemicals, optimum dosing of detergents via modern weigomatic® dosing systems and state-of-the-art concepts offer you the highest level of safety and economy as well as gentleness on material and environmental compatibility.

## System-Service

● System service means continued updating – to achieve first-class sustainable results. Decades of experience, excellent expertise and a close co-operation with the manufacturers of laboratory glassware, animal cages and washer disinfectors enable us to have the right answer to all your questions. We have a profound knowledge of the machines on the market. The detergent dosing systems must be regularly calibrated and serviced – a pre-requisite for safe processes.

Our neodisher® consultant is your contact for all questions – reliable and competent for safe cleaning.



# neodisher® Competence The Product Range

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# Automated Cleaning of Laboratory Glassware



## Liquid Detergents



### neodisher® LaboClean FLA

Alkaline intensive cleaner

Free of surfactants, phosphorous compounds and oxidising agents

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

Container	Contents	Item No.
Barrel	280 kg	4112 13
Canister	25 kg	4112 26
Canister	10 l	4112 30
Canister	5 l	4112 33



### neodisher® LaboClean FT

Alkaline cleaner

With oxidising effect, free of surfactants

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

Container	Contents	Item No.
Barrel	260 kg	4100 13
Canister	25 kg	4100 26
Canister	12 kg	4100 30

## Powdered Detergents



### neodisher® LaboClean A8

Alkaline intensive detergent  
Free of surfactants

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

Container	Contents	Item No.
Bucket	25 kg	4102 66
Bucket	10 kg	4102 76
Bottle	10 x 1 kg	4102 84



### neodisher® LaboClean F

Highly alkaline intensive cleaner

Free of phosphates and surfactants

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

Container	Contents	Item No.
Bucket	25 kg	4105 66
Bucket	4 x 3 kg	4105 81

# Automated Cleaning of Laboratory Glassware



## Powdered Detergents



### neodisher® LaboClean LA

Highly alkaline  
intensive cleaner

With a highly emulsifying, dispersing  
and defoaming action.

Especially suitable for the removal of  
greasy and oily dirt, resins, and  
paraffin.

Container	Contents	Item No.
Bucket	25 kg	4106 66
Bucket	4 x 3 kg	4106 81



### neodisher® LaboClean GK

Mildly alkaline cleaner  
  
Free of surfactants

Especially suitable for the automated  
cleaning of glassware for cell and tis-  
sue cultures, in the field of micro-  
biology as well as nuclear medicine  
and isotope laboratories. Removes  
residues of culture media, residues of  
cell and tissue cultures, radioactive  
contamination, organic colour and pig-  
ment contamination. Easy to rinse off.

Container	Contents	Item No.
Bucket	10 kg	4103 76



### neodisher® LaboClean PLM

Mildly alkaline cleaner

Especially suitable for the removal of  
the basic components of lotions and  
easily emulsified residues. Free of  
oxidative additives, with defoaming  
properties.

Container	Contents	Item No.
Bucket	10 kg	4122 76



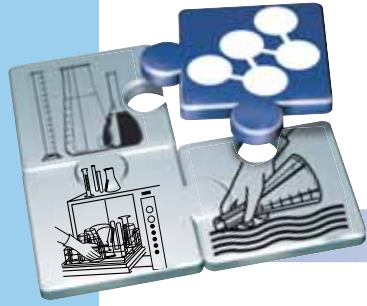
### neodisher® LaboClean UW

Mildly alkaline cleaner  
  
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, where residues  
of phosphorous compounds would  
adulterate analysis results.

Container	Contents	Item No.
Bucket	10 kg	4109 76

# Automated Cleaning of Laboratory Glassware



## Cleaning Additives



### neodisher® EM

Cleaning Additive,  
liquid

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

Container	Contents	Item No.
Barrel	200 kg	4300 13
Canister	5 kg	4300 33



### neodisher® LaboClean SI

Cleaning additive,  
liquid

Enhancing the cleaning performance of alkaline cleaners in particular when removing silicone residues.

Container	Contents	Item No.
Canister	20 l	4409 26



### neodisher® TR 3

Complexing agent,  
powdered

Complexes and removes residues of water-insoluble salts. Use instead of or in addition to an alkaline cleaner.

Container	Contents	Item No.
Bucket	10 kg	4303 76



### neodisher® Entschäumer S

Defoaming agent,  
liquid

Prevents foaming, even with low temperatures a small dose is sufficient. Based on emulsified silicone oils.

Container	Contents	Item No.
Barrel	200 kg	4301 13
Canister	10 l	4301 30
Bottle	10 x 1 l	4301 48

# Automated Cleaning of Laboratory Glassware



## Neutralising Agents



### neodisher® N

Acid neutralising and cleaning agent, liquid

Free of surfactants

For neutralising any carried over alkaline residues on laboratory glassware or for acid pre-cleaning resp. cleaning. Lime or other acid-soluble residues are easily removed. Easy to rinse off. Based on phosphoric acid.

Container	Contents	Item No.
Barrel	290 kg	4201 13
Canister	25 kg	4201 26
Canister	12 kg	4201 30
Canister	5 l	4201 33
Bottle	10 x 1 l	4201 48



### neodisher® Z

Acid neutralising and cleaning detergent, liquid

Free of surfactants, phosphates and nitrogen

For neutralising any carried over alkaline residues on laboratory glassware and for removing acid-soluble residues in laboratories where residues of phosphates, nitrogen and surfactants would adulterate sensitive analyses and where particular gentleness on material is vital. Based on organic acids.

Container	Contents	Item No.
Barrel	240 kg	4202 13
Canister	20 l	4202 26
Canister	10 l	4202 30
Canister	5 l	4202 33
Bottle	10 x 1 l	4202 48

# Manual Cleaning of Laboratory Glassware



## Liquid Detergents



### neodisher® LM 2

Mildly alkaline cleaner, liquid

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.

Container	Contents	Item No.
Canister	20 kg	4403 26
Canister	10 l	4403 30
Bottle	10 x 1 l	4403 45



### neodisher® LM 3

Alkaline cleaner, liquid

Free of phosphates

For manual 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 glassware in water, phosphates and metal laboratories and laboratories where enzymatic and serological analyses are conducted. Also suitable for automated cleaning. Low foam.

Container	Contents	Item No.
Canister	10 l	4400 30
Bottle	10 x 1 l	4400 48



### neodisher® LM 10

Alkaline cleaner, liquid

With oxidising action

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

Container	Contents	Item No.
Canister	10 l	4401 30

## Powdered Detergents



### neodisher® PM 5

Mildly alkaline cleaner, powdered

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

Container	Contents	Item No.
Bucket	4 x 3 kg	4402 81

# Cleaning of Laboratory Animal Housing



## Automated Cleaning - Alkaline Processes



### neodisher® LaboClean FLA

Alkaline Cleaner,  
liquid  
Free of surfactants and  
active chlorine

Removes organic residues, especially suitable for cleaning animal cages for mice or rats, cages made from polysulfone, polycarbonate, polyetherimide or stainless steel.

Container	Contents	Item No.
Barrel	280 kg	4112 13
Canister	25 kg	4112 26
Canister	10 l	4112 30
Canister	5 l	4112 33

## Automated Cleaning – Acid Processes



### neodisher® N

Acid detergent,  
liquid  
Free of surfactants

Removes acid-soluble residues like urine scale or lime. Especially suitable for animal cages and water dispensers made from polysulfone, polycarbonate, polyetherimide or stainless steel. Very easy to rinse off. Based on phosphoric acid.

Container	Contents	Item No.
Barrel	290 kg	4201 13
Canister	25 kg	4201 26
Canister	12 kg	4201 30
Canister	5 l	4201 33
Bottle	10 x 1 l	4201 48

## Rinse Aids

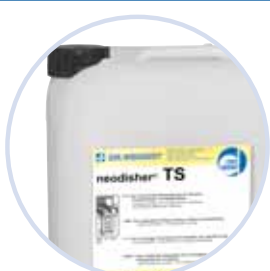


### neodisher® PolyKlar

Rinse aid,  
liquid  
Free of surfactants

Especially suitable for animal cages made from polycarbonate, polysulfone and polyetherimide. Acid formulation, neutralises alkaline residues. Prevents stress cracks after autoclaving.

Container	Contents	Item No.
Barrel	200 kg	4019 13
Canister	10 l	4019 30



### neodisher® TS

Rinse aid,  
liquid

For quick and spotfree drying. Significantly shortens the drying time. Especially for animal cages made from polycarbonate, polyetherimide or stainless steel. Acid formulation, neutralises alkaline residues. Prevents stress cracks after autoclaving.

Container	Contents	Item No.
Barrel	200 kg	3109 13
Canister	20 kg	3109 26
Canister	10 l	3109 30

## Manual Cleaning



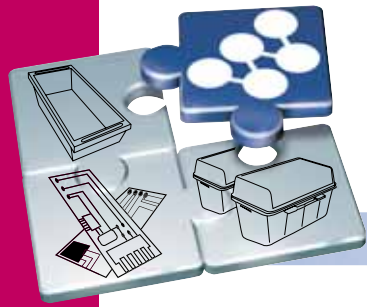
### neodisher® LM 2

Mildly alkaline cleaner,  
liquid

For the manual cleaning and pre-cleaning of animal cages and utensils in immersion baths. Removes inorganic and organic residues like blood, protein and excrement. Low foam, easy to rinse off.

Container	Contents	Item No.
Canister	20 kg	4403 26
Canister	10 l	4403 30
Bottle	10 x 1 l	4403 45

# Cleaning of Industrial Parts



## Automated Cleaning

### neodisher® ProTech 5

Cleaner, pH-neutral, liquid

Free of oxidising agents or silicone compounds

For the automated cleaning of circuit boards, housings, parts made from plastic or metal or other highly sensitive materials. Especially suitable for the removal of flux and dust. Very gentle on material, with defoaming properties.

Container	Contents	Item No.
Barrel	200 kg	4014 13
Canister	5 l	4014 33

### neodisher® ProTech 8

Mildly alkaline cleaner, powdered

Free of oxidising agents and silicone compounds

Especially suitable for the automated cleaning of soldering frames and surfaces made from stainless steel, aluminium, ceramics, glass and alkaline resistant plastics. Especially suitable for removing flux and colophony. Gentle on material, with highly defoaming properties. Good resistance against hardness constituents in water.

Container	Contents	Item No.
Bucket	8 kg	4013 76

### neodisher® ProTech 9

Mildly alkaline cleaner, liquid

Free of oxidising agents and silicone compounds

For the automated cleaning of circuit boards and other parts made from metals and plastics resistant to alkaline. Especially suitable for removing flux and dust. Good wetting and defoaming action.

Container	Contents	Item No.
Canister	5 l	4011 33

### neodisher® ProTech 10

Alkaline cleaner, liquid  
Free from phosphates, complexing agents, active chlorine and silicone compounds

For the automated cleaning of finished parts such as coated data glass plates and for parts in the metal industry. Removes non water-soluble and alkaline-soluble residues.

Container	Contents	Item No.
Canister	25 kg	3313 26

### neodisher® FS

Alkaline cleaner, liquid

Free from phosphates, silicone, and active chlorine

For the automated cleaning of finished parts such as soldering frames made from stainless steel, plastic transport boxes as well as laboratory glassware. Removes alkaline-soluble residues such as colophony, metallic abrasion, oil and lipid. With excellent soil carrying capacity. Defoaming action.

Container	Contents	Item No.
Barrel	280 kg	4116 13
Canister	25 kg	4116 26

## Corrosion Protection and Rinsing

### neodisher® ProTech 16

Corrosion protective agent and rinse aid, liquid

Free from oxidising or silicone compounds

For the protection against corrosion during automated rinsing of finished parts or semi-finished parts made from corrosive sensitive types of steel. With good wetting properties and defoaming action. Suitable for use as temporary corrosion protection of metal surfaces.

Container	Contents	Item No.
Canister	5 l	4017 33

# Ambient Hygiene and Disinfection of Surfaces



## neoquat S\*

Disinfecting cleaner

Bactericidal, fungicidal,  
DVG-listed\*\*

Combined one-step cleaning and disinfection.

For use with rotating brushes, spray devices and the scour / wipe technique.

Container	Contents	Item No.
Barrel	200 kg	3002 13
Canister	10 l	3002 30
Bottle	6 x 2 l	3002 42



## neoform K Spray\*

Alcohol based surface disinfectant

Bactericidal, fungicidal  
DVG-listed\*\*

For the quick interim disinfection of surfaces and utensils.

For spraying use. Dries residue-free.

Container	Contents	Item No.
Canister	10 l	3638 30
Bottle	10 x 1 l	3638 44

# Dosing System Solutions



## Smart Dosing – Process Safety – Data Management

Modern dosing system solutions for the automated supply and monitoring of cleaning and disinfecting units are a pre-requisite for safe processes and sustainable optimal cleaning results.

Our specialists design, manufacture, install and maintain equipment, from simple stationary dosing units to central dosing systems for several washers with data recording and data management. High quality, functionality and professionalism are our standard. Bring us in on planning your new systems and conversions!



## Central Dosing Systems

Central dosing systems supply larger washing installations with several washers. The central unit can be installed some distance from the actual location of the washers.

The use of returnable bulk containers is more economical and more user-friendly in terms of safe operation. The laborious handling of small cans is eliminated. Dosing is effected in a closed system! Our modular weigomatic® concept combines tailor-made solutions with a high degree of flexibility and several options for later extensions. We plan the dosing system solution which fits your requirements best!



## weigomatic® Data Management

The weigomatic® data management system combines important quality factors in cleaning and disinfecting processes. The memory unit of the weigomatic® Data Management system continuously records and documents all relevant data such as the running times of machines, temperatures, quantities of water and process chemicals. This data is clearly displayed on a PC or a touch panel and can be analysed and evaluated locally or via the Internet. This guarantees highest efficiency and early detection of errors and breakdowns – a “must” for optimum process safety.



## weigomatic® DOS Manager

Combined dosing and monitoring system for controlling the dosing of detergents, neutralising agents and rinse aids in a washer. The integrated memory unit of the weigomatic® DOS Manager allows the continuous collection of specific operating data such as the quantities used and the machine running times. The collected data can be transferred to a PC for evaluation. The early detection of errors guarantees the economy of the processes and optimum process safety.



# Dosing System Solutions



## **weigomatic® ZDA II / weigomatic® ZDA III**

Compact dosing unit for the central supply of a single washer with liquid detergents, neutralizing agents and rinse aids. The unit can be installed in some distance from the actual location of the washer.



## **weigomatic® KDA-C**

Compact space-saving dosing unit for supplying a single washer with liquid cleaners, neutralising agents and rinse aids; suitable for machines of all sizes. Manufactured in stainless steel with a LCD-display and integrated operating hour meter. Dosing is quantity-controlled but can optionally also be conductivity-controlled, if desired.



## **weigomatic® Concept**

Standard dosing system for supplying a washer with liquid cleaners, neutralising agents and rinse aids, for machines of all sizes. Depending on the specific application, weigomatic® Concept peristaltic dosing pumps and conductivity controllers can be individually combined in a modular system. Dosing is quantity-controlled but can optionally also be conductivity-controlled, if desired.



# Mixing Equipment

## neomatik® SGM und neomatik® SGW

Mixing equipment for the manufacturing and spraying of ready-to-use cleaner and disinfectant solutions, for cleaning the surroundings in professional kitchens. One or two cleaners and disinfectants can be connected to this equipment. Dosing is effected via integrated metering pumps. Includes a 10 m pressure hose to cover a large radius.



### neomatik® SGM 1 neomatik® SGM 2

Easy-to-move, mobile equipment. Spraying is effected via a spray lance; accommodates two 10 l canisters.

Item No.

neomatik® SGM 1 (for one product) 080350  
neomatik® SGM 2 (for two products) 080400



### neomatik® SGW 1 neomatik® SGW 2

Wall units; the solutions can be taken directly from the outlet tap or sprayed with a spray lance.

Item No.

neomatik® SGW 1 (for one product) 080200  
neomatik® SGW 2 (for two products) 080250



### neomatik® WSG 2

Stationary wall spray unit for the manufacturing and spraying of ready-to-use cleaner and disinfectant solutions, for cleaning the surroundings in a professional kitchen. Two cleaner or disinfectant solutions can be connected to one unit; dosing is effected via an injector, with spray gun, canister holder and 20 m pressure hose.

Item No.

070440



### neomatik® ZMW 1 neomatik® ZMW 3

Mixing equipment for the manufacturing of ready-to-use cleaner and disinfectant solutions, for filling directly into basins or buckets. One or three different cleaners can be connected to the equipment.

Item No.

neomatik® ZMW 1 070410  
neomatik® ZMW 3 070420



### neomatik® HSG

Manual foaming unit for the foaming and applying ready-to-use cleaner and disinfectant solutions. For cleaning the surroundings in professional kitchens. Contains 1.4 l

Item No.

070445

# Dosing Ancillaries



## neomatik® easyDOS

Hand pump for the simple, safe and direct dosing of cleaning concentrates into open basins (e.g. sinks). Precise adjusting of the dosing amount (10 - 30 ml), simple wall mounting, no power and water connection necessary.

Item No.  
980854



## Pressurized Dispensers and Canister Pumps

For 5 l and 10 l canister (20 ml stroke)  
For 20 l canister (20 ml stroke)

Item No.  
980701  
980700



## Dosing and Measuring Beakers

Dosing spoon, 30 g  
200 ml graduated measuring beaker  
500 ml graduated measuring beaker  
1000 ml graduated measuring beaker

Item No.  
950010  
950070  
980106  
980100



## Outlet Taps

For 5 l and 10 l canister  
For 20 l canister  
For 220 l barrel

Item No.  
980004  
980003  
980002



## Canister Keys

For 5 l and 10 l canister  
For 20 l canister

Item No.  
981004  
981002



## Dosing Ancillaries for Barrels

Barrel key for the easy opening of barrels  
Barrel key made from aluminium  
Barrel funnel  
Hand lever pump  
Barrel wedge; for optimal draining of barrels by tilting  
Barrel trolley  
Drain tube for two barrels

Item No.  
981000  
981005  
980311  
980308  
980312  
980310  
076390



## Personal Protective Clothing

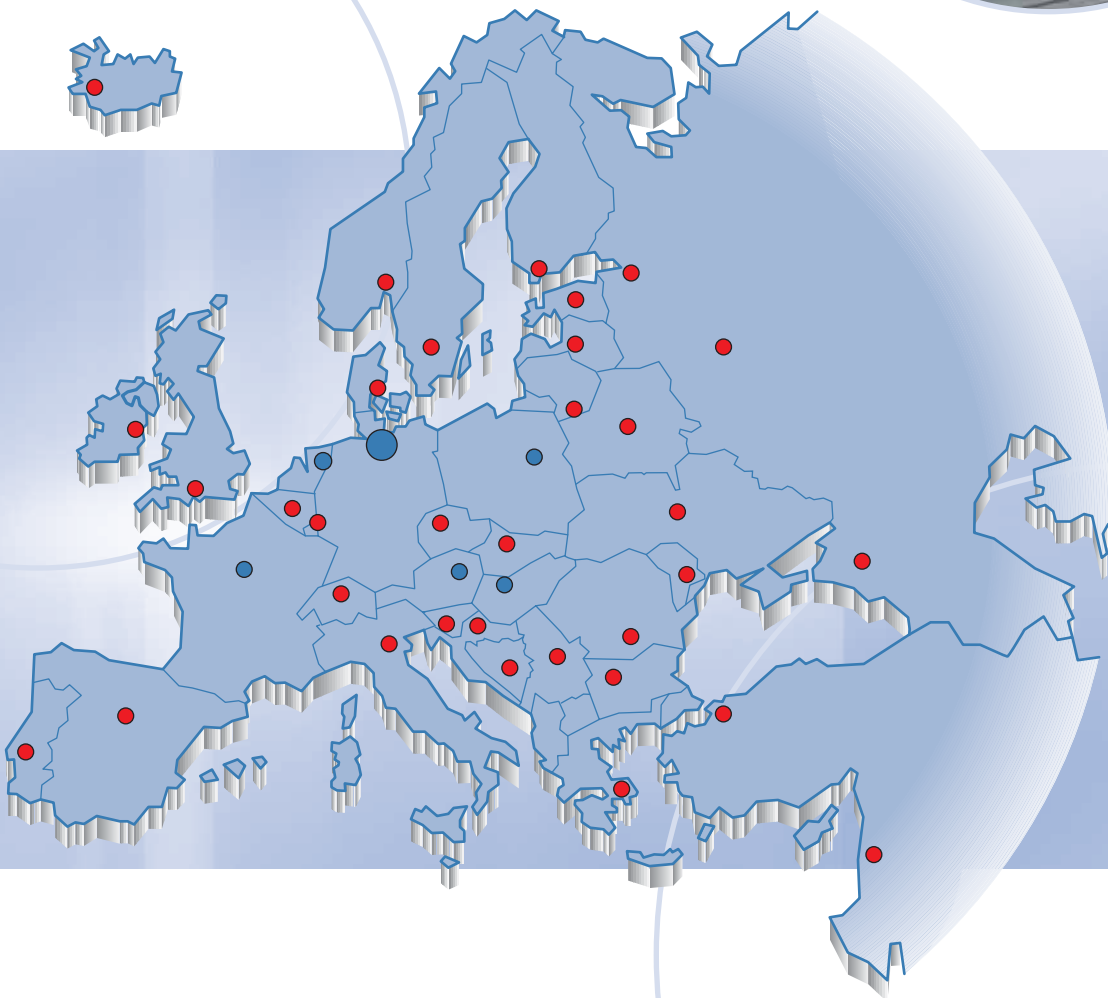
Protective gloves  
Protective goggles  
Eye wash bottle

Item No.  
988005  
988006  
988007

# On-site Service

With the right solution whatever the challenge, you can rest assured that there is always a service technician close at hand to help. Make use of our Internet service as well:

[www.drweigert.com](http://www.drweigert.com)



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