

High-tech disinfection for reliable hygiene

AUTOMATIC BEDPAN WASHER FOR ALL REQUIREMENTS



3 standard
 A_0 - values
600/1000/3000
further values
adjustable
as required



DISCHER[®]

DISCHER Technik GmbH

Innovation seit 1977



**Perfect products
from a strong brand**

DISCHER cleaning and
disinfection machines for care utensils

perfect parameters

Ground-breaking experience in medical technology since 1977

DISCHER cleaning and disinfection machines for patient care utensils have been developed specially for the safe and hygienic disposal of patient excretions. The machines are widely used ranging from retirement and care homes to hospitals due to their ease of operation and reliability.

DISCHER machines feature energy-saving flushing systems, low drinking water consumption and are service-friendly. The modular construction and further accessories such as cupboard units, draining sinks, utensil holders etc. cover all spatial situations and requirements.

Certified quality, intelligent technology

- ▶ Certification according to DIN EN ISO 13485 and Standard 93/42/EWG for the safety of medical devices
- ▶ Advanced technology based on integrated multi-controller
- ▶ TFT display with graphic symbols, shows washing programmes incl. temperature

- ▶ Illustrated spare parts catalogue in machine display, ordering via QR code using smartphone and tablet
- ▶ Video tutorials to eliminate malfunctions or replace wearing parts
- ▶ Online shop for consumables and wearing parts
- ▶ DISCHER Cloud for customers – relevant data stored centrally
- ▶ Integrated test/diagnostic programme for maintenance/service and adjustment of all operating parameters
- ▶ Hygiene report DIN EN ISO 15883-1 by the HYBETA Institute
- ▶ EAR registration of machines (waste electric equipment)



Specific features of DISCHER RDA



DISCHER Technik – highlights

- ▶ 3 standard A_0 values (600/1000/3000), others can be set as required
- ▶ ECO key to save drinking water and energy
- ▶ Rush-hour analysis to reduce process duration and achieve greater throughput with lower energy requirements
- ▶ User-friendly VGA display showing all the operating parameters required
- ▶ Data logger for process documentation with optional Ethernet connection (IP) for remote request and fault analysis/batch records
- ▶ External 4-GB SD card to store operating data and temperature curves
- ▶ The quick-start button starts a preset washing programme
- ▶ Up to 27 programmes can be selected as required
- ▶ 3 temperature sensors record operating temperature
- ▶ 12-month complete warranty; optional for 5 years

High-quality materials, optimum service

- ▶ High-quality workmanship in stainless steel with microfine finish
- ▶ Stainless steel washing chamber with large rounded corners while maintaining material thickness
- ▶ Universal holder for care utensils; no changing of holder required
- ▶ Supplied ready-to-connect incl. 5 l CALLIGATOR lime binder
- ▶ Wearing part supply with at least 10-year availability guarantee
- ▶ 12-month complete warranty; optional extension to 5 years

Reliable hygiene, low energy consumption

- ▶ Self-cleaning D3 planetary rotation nozzle system
- ▶ Rotation nozzles in washing chamber
- ▶ Unrestricted water supply at tank according to DIN EN 1717:2011-08 Class AA, maximum drinking water protection
- ▶ Complete system disinfection of water tank, pump, piping and nozzles
- ▶ Stainless steel labyrinth seal = hygienically safe cabinet closure, no microbial growth
- ▶ Air fan drying and automatic door opening (optional)
- ▶ Urine / secretion bag cutter (optional)
- ▶ Hygienic, easy-care bow-type handles

DISCHER BOY – the space-saving series

Well-engineered technology, high-quality finishing, reliable hygiene

Cleaning and disinfection machines for patient care utensils in many versions: as stand-alone or wall-mounted models, with integrated washdown flush toilet as well as additional waste water drain incl. rim flushing

DISCHER BOY cleaning and disinfection machines in the proven modular construction deliver perfect performance and quality in medical equipment thanks to the latest technology and high-quality finishing.

The ready-to-connect machines in high-quality stainless steel workmanship with microfine finish are completely simple to operate while delivering optimum cleaning and disinfection results. The space-saving, compact construction with the technical section above the washing chamber adapts perfectly to the space available.

Product advantages

- ▶ 3 standard A_0 values (600/1000/3000), others can be set as required
- ▶ ECO key to save drinking water and energy
 - ▶ Buzzer quick-start programme
- ▶ Rush-hour analysis to reduce process duration, achieve greater through-put and lower energy requirements
- ▶ User-friendly VGA display showing all the operating parameters required
- ▶ Data logger for process documentation with optional Ethernet connection (IP) for remote request and fault analysis/batch records
 - ▶ External 4-GB SD card to store operating data and temperature curves

Stand-alone



DISCHER BOY plus



DISCHER BOY



DISCHER BOY S

Wall-mounted



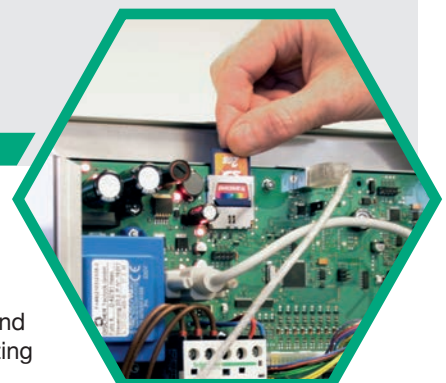
DISCHER BOY



DISCHER BOY S

DISCHER data logger

Data logger for process documentation with optional Ethernet connection (IP) for remote request and fault analysis. The data logger records all the operating parameters thus ensuring maximum operating and machine reliability.



DISCHER MASTER – the room-equipping series

Well-engineered technology, ergonomic design, reliable hygiene



DISCHER MASTER



DISCHER MASTER S



DISCHER MASTER S combination

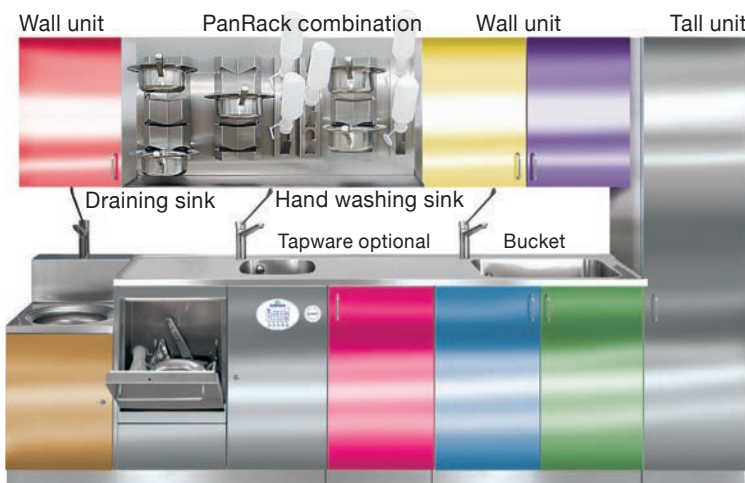


DISCHER MASTER S combination

Produktvorteile

- ▶ Illustrated spare parts catalogue in machine display, ordering via QR code using smartphone and tablet
- ▶ Video tutorials to eliminate malfunctions or replace wearing parts
- ▶ Online shop for consumables and wearing parts
 - ▶ DISCHER Cloud for customers – relevant data stored centrally
- ▶ Integrated test/diagnostic programme for maintenance/service and adjustment of all operating parameters
- ▶ Buzzer quick-start of preset programme
- ▶ Up to 27 programmes can be selected as required
 - ▶ 3 temperature sensors record operating temperature
 - ▶ 12-month complete warranty; optional for 5 years

Multiple combination and extension possibilities



Cleaning and disinfection machine

Floor unit

The MASTER series in a variety of combinations with extension possibilities for any spatial situation

The extensive range of equipment and accessories allows optimum adaption to any spatial situation: from hand washing and/or draining sinks incl. rim flushing, also with mixer tap, to PanRack holder for the utensils, such as e.g. the MASTER S combination (see Figure).

The Master series is also available with coloured film coating to match any special facilities.

DISCHER PICCOLO – the compact machine with power

Small price and dimensions – great performance – reliable hygiene

The model of our cleaning and disinfection machines for patient care utensils: as stand-alone or wall-mounted models; also available with additional draining sink.

Our small machine for cleaning bedpans, urine bottles and stool buckets is even more efficient. The DISCHER PICCOLO provides effective cleaning and disinfection results and is reliable, safe and easy to operate and maintain. The compact outer dimensions (W = 500 mm, D= 570 mm, H = 1,240 mm) mean the DISCHER PICCOLO can be used virtually anywhere, especially in small spaces.

OPTIMISED
MODELS



DISCHER PICCOLO

DISCHER PICCOLO S

Our power machine – with effective features

- ▶ High-quality stainless steel with microfine finish
- ▶ Corrosion-free material in the watercarrying parts
- ▶ Low drinking water and energy consumption
- ▶ 6 programme can be selected directly; 3 A₀ values adjustable as required
- ▶ Rush-hour analysis to reduce process duration and achieve greater throughput with lower energy requirements
- ▶ 3 temperature sensors record operating temperature n Extensible functions: data logger, automatic door opening
- ▶ Adjustable feet for uneven floors



Economical operation

The DISCHER PICCOLO has a low water consumption due to the intelligent flushing system as well as a very low energy consumption. The user can exploit the energy-saving potential of the machine by utilising the extended variable loading possibilities.

DISCHER COMPACT – the minimalist with a difference

Under-counter machine with the required basic functions for professionals

Our DISCHER COMPACT machine is the perfect model for cleaning bedpans, urine bottles and stool buckets; it can be combined with additional cupboards etc. has minimum installation dimensions and is thus suitable for even the smallest spaces.

The DISCHER COMPACT provides effective cleaning and disinfection results, is reliable and safe both in operation and maintenance.

The DISCHER COMPACT with the required basic functions and dimensions of e.g. cleaning machine: (H = 860 mm, W = 500 mm, D = 570 mm). Extendable modular system allows equipping of a complete room.

Product advantages

- ▶ 3 washing programmes with various A_0 values can be selected, userdefined
- ▶ Quick-start button for operation / one-button operating system
 - ▶ Start button illuminated; provides visual information whether unit is in operation or available
- ▶ 3 temperature sensors record operating temperature
- ▶ 2-line LCD plain text display
 - ▶ Extensible functions: data logger, rush-hour mode, leak sensor
- ▶ Adjustable feet for uneven floors



Care staff freed up to a great extent

Optimum use of space with modular machine loading

Available as DISCHRE COMPACT and DISCHER COMPACT S with hand washing sinks.

The simple and safe use means that care staff is freed up for the main tasks. No changing of utensil holders is required thanks to the universal holder. The variable loading saves energy resources and increases efficiency.



LIKE NEW – retrofitting old equipment

Well-engineered technology and high-quality workmanship for your old equipment

Technical upgrading of older cleaning and disinfection systems for patient care utensils: the DISCHER MASTER U Modernisation with certification and a complete warranty for 12 months! A service with DISCHER quality standards according to the state of the art in medical technology.

This inexpensive measure is in increasing demand since such maintenance items do not require any complex approval processes. DISCHER performs retrofitting with the equipment required in situ. The severe wear affecting the insides of old units makes replacement at the latest level of technology imperative.

Equipment conforming to standard DIN 15883 with A₀ value control in old systems!

Realise savings by technically upgrading old cleaning and disinfection equipment of all makes in general supply! The result of a complete retrofit effectively corresponds to technically new, including 12 months' DISCHER warranty.

This system is ...
more than 30 years old!

BEFORE



Modernisation with DISCHER MASTER U

AFTER



Now upgraded
and like new!

We retrofit all product brands in general supply!

Perfection in upgrading

The insides of the machines are removed completely and refitted with the latest washing technology including inlet and outlet piping. Lime scale and other residues are removed from the stainless steel housing; the surface is treated. Stainless steel parts are replaced if necessary.

This extensive refitting leads to the issue of a new marking as a medical device. DISCHER Technik is responsible for the overall equipment within the meaning of Guideline 93/42/EWG concerning medical devices.

No copper piping or non-ferrous metals are fitted, instead new plastic composite pipes and stainless steel fittings are used.



ACCESSORIES – PanRack, sinks, cupboard units

Hygienic, practical, easy-care –
smartly engineered DISCHER quality



DISCHER draining sink



DISCHER tall unit



DISCHER PanRack



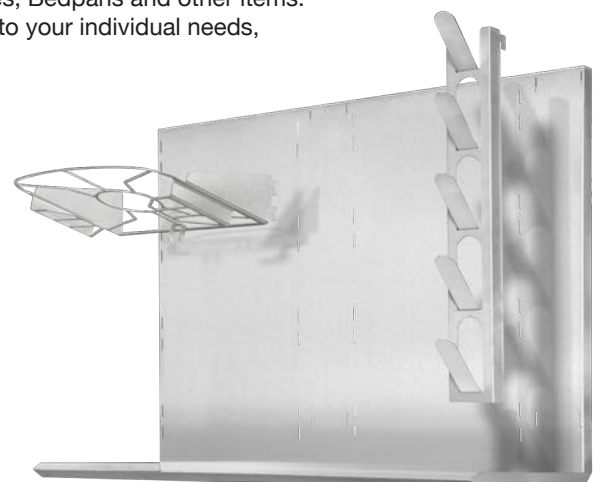
DISCHER floor unit

The extensive range of equipment and accessories allows optimum adaption to any spatial situation: from hand washing sinks and/or bucket and/or draining sink incl. rim flushing, also with mixer taps, to PanRack combinations for care utensils.

DISCHER PanRack-variants

PanRack combinations are an ideal match for the DISCHER device series.

The PanRack is 450 mm wide for 4 bedpans and 5 urine bottles and 900 mm available for 8 bedpans and 10 urine bottles. The different Designs are easy to keep hygienically clean. Thanks to the specially designed Inserts, the system is very flexible and allows the inclusion of urine bottles, Bedpans and other items. The PanRack can anytime, according to your individual needs, cost-effectively be adjusted.



HIGHLIGHTS D3 technology and product innovations



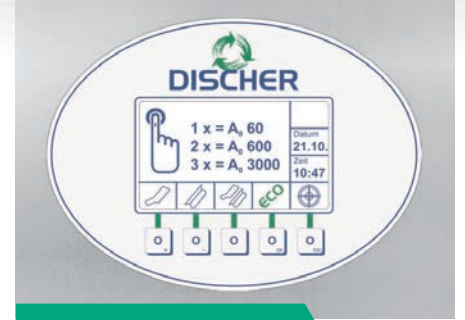
DISCHER machines break the chain of infection

Hygiene standards are fulfilled by the high-powered disinfection process according to recognised codes of medical technology.



DISCHER LCD plain text display

User-friendly LCD plain text display showing all the main operating parameters such as programme step, temperature, A_0 value target/actual and remaining time, 3 standard A_0 values (e.g.: 600/1000/3000).



DISCHER unit display

User-friendly LCD plain text display showing all the main operating parameters, programme step, temperature curve, A_0 value target/actual, remaining time, illustrated spare parts catalogue and Internet connection via QR codes, 3 standard A_0 values (e.g.: 600/1000/3000).



DISCHER buzzer programme

The quick-start button starts a washing programme saved according to requirements; this eases operation and care staff is freed up.



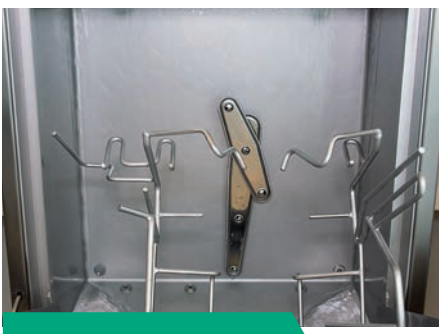
DISCHER D3 planetary rotation nozzle system

The washing system to prevent recontamination self-disinfects every 24 hours.



DISCHER Rush-hour mode

The unit "remembers" peak times and preheats the machine correspondingly. This results in considerably shorter process times and therefore increased through-put with lower energy requirement.



DISCHER Aqua Dry Drying

The Aqua Dry system dries care utensils by steam condensation and cools them to the required temperature; recontamination by outside air being sucked in is prevented.



DISCHER data logger

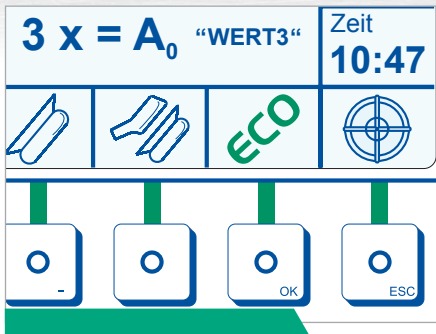
Data logger for process documentation with optional Ethernet connection (IP) for remote request and fault analysis. The data logger records all the operating parameters thus ensuring maximum operating and machine reliability.



DISCHER waste water drain

Funnel-shaped waste water drain, without rim to avoid bacterial growth; unrestricted wide spraying water jets for rinsing from disinfected water tank.

HIGHLIGHTS D3 technology and product innovations



Economical operation

ECO key to save drinking water and energy. Further 26 programmes can be selected.



DISCHER universal holder

Universal holder in the washing chamber for variable loading with all customary utensils including bedpans XXL size, urine bottles, stool buckets etc., no changing of holders required.



DISCHER bag cutter

Optional urine / secretion bag cutter.



DISCHER spare parts catalogue

The entire spare parts catalogue can be called up via the control panel; all the parts can be shown in pictures with order No. and can be ordered directly in the DISCHER Webshop.



DISCHER Online shop

All consumables and wearing parts are available in the shop. Access via QR code in the RDA control panel via smartphone or via the DISCHER Website.



DISCHER video tutorials

The video QR code is loaded from the RDA display into the technician's smartphone and starts the tutorial to eliminate malfunctions or replace wearing parts.



DISCHER RDAs stop legionella growth

Automatic flushing intervals prevent the growth of legionella and other microorganisms in machines that are only used infrequently.



DISCHER certification, intelligent technology

Certification according to DIN EN ISO 13485 and Standard 93/42/EWG for the safety of medical devices.



DISCHER long-term warranty

12-month complete warranty; optional to 5 years.

DISCHER Technik – quality and sustainability

AquaSafe legionella protection

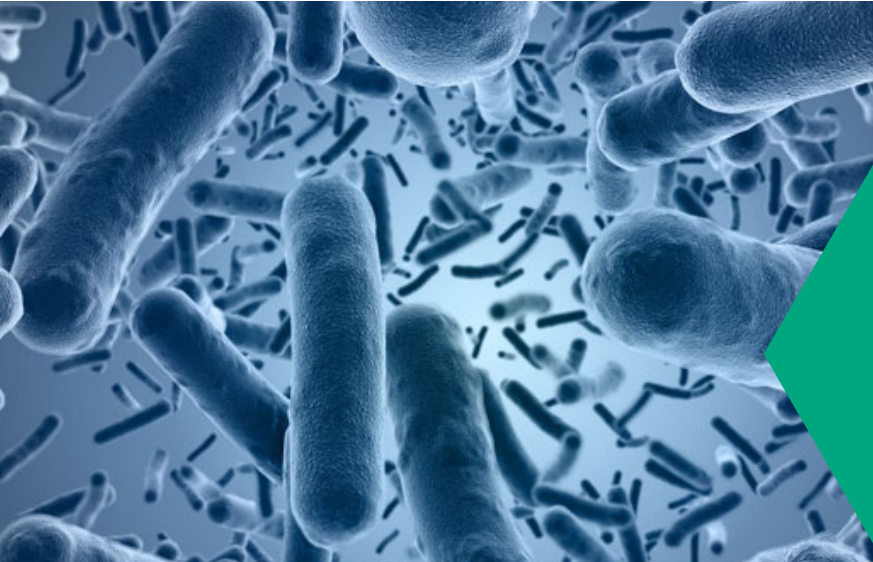
- ▶ Minimises legionella in water treatment
- ▶ Purging of pipes in hospitals and care homes at intervals
- ▶ RDAs offer enormous additional benefit from adjustable functions
- ▶ Documentation in data logger; separation of fresh and waste water
- ▶ Measured until either specified volume or temperature is reached, hot and cold
- ▶ Particularly worthwhile for new buildings

DISCHER – maximum product and hygiene reliability in medical technology

The most frequent cause of legionella outbreaks in hospitals and retirement homes are drinking water installations that are not purged sufficiently with the result that the water is left to stand in the pipes and fittings for too long.

Therefore the cold water warms up and the hot water cools. Thus these unwanted microorganisms, which may cause severe pneumonia, encounter optimum conditions for growth.

Positioned at the correct point, at the end of a pipe system, the high-quality DISCHER Technik cleaning and disinfection machines (RDAs) prevent this stagnation of the water in the drinking water pipes. The amount of water required during mechanical cleaning of the bedpans also flushes the pipes at the same time.



DISCHER Cloud for customers – stores relevant data centrally

The use of data clouds allows access to data uploaded once and is now possible from anywhere without it having to be copied manually and carried around per data carrier; provided there is Internet access. The cloud server and thus also the backup and data protection is performed directly on Discher premises.



Breaking the chain of infection

DISCHER cleaning and disinfection machines (RDA) break the chain of infection

There is a constant, latent risk of infection in hospitals and care facilities where many people, in particular patients with weakened immune systems, are in direct contact. Door handles, light switches etc. are potential sources of infection for patients, staff and visitors.

This chain of infection is broken with care utensils which no longer represent a risk. The high-powered cleaning and disinfection kill all microorganisms depending on programme selected. The patient always has absolutely hygienic utensils and care staff is freed up to a great extent.

DISCHER Technik – quality and sustainability

DISCHER training reduces costs

For in-house maintenance, the in-house technicians in hospitals, retirement and care homes receive DISCHER training which allows them to eliminate most of any malfunctions occurring at the machines themselves. And DISCHER makes the best provision and maximum support for customers from operating staff to technicians for day-to-day operation in institutions.

The operating panels of the machines have been equipped with even more features to make in-house technicians independent of external service. The graphic display allows access to further programmes such as the spare parts catalogue and video tutorials to eliminate malfunctions.

These features represent real customer benefit in keeping operating, maintenance and follow-up costs at a low level.

Transparent products for economic and ecological operation

DISCHER Technik – graphics panels with international symbols

A DISCHER machine is not a “Black Box” it is a virtually transparent product. This represents near self-sufficiency for customers in operation, internal maintenance and even in the elimination of malfunctions.

This begins with the operation of the machines which – thanks to the graphics panel with international symbols – can be operated completely intuitively. A quick-start button as well as 27 further washing programmes with freely selectable A_0 values from 60 to more than 3,000 ensure perfect disinfection.

Rushhour mode

In rush-hour mode the machine notes peak times and preheats the machine at the same time one week later. This results in greater throughput with shorter process times and lower energy requirement.



Economy measures

Top cleaning results are achieved by the separate washing water flows.

Three urine bottles can be cleaned and disinfected at the same time. Improved efficiency of the washing system with low consumption values. The water pressure-driven and selfcleaning D3 planetary rotation nozzle system achieves the maximum cleaning effectiveness.

“High level of reliability in hygiene and low energy consumption.”

The utensil holder is made completely of stainless steel. It is designed to hold all customary utensils such as bedpans, stool buckets, urine bottles, kidney dishes etc.



DISCHER – the company

Planning, development
and production in Germany



Our core competency in one sector of medical technology means DISCHER Technik today enjoys a considerable market position. The experience and expertise acquired since 1977 have led to constant product improvements and innovations which, in part patented or with protection of utility models, are exclusive to DISCHER products.

In addition to the presence of DISCHER products all over Germany, the company's success is also demonstrated by its expansion in nearly all neighbouring countries. DISCHER is also strongly represented in Eastern Europe and now also delivers to Asia and abroad.

Thus DISCHER Technik stands today for maximum product and hygiene reliability in medical technology.

Customer proximity as a commitment

DISCHER RDAs are now sought-after worldwide on almost all continents.

The challenge for the management and the entire team of employees is now to maintain and steadily grow this success.

Consulting and technical support by qualified reference partners in technical or commercial matters are as ever a matter of course at DISCHER.

The success of the company is based primarily on concentration on one product segment in medical technology: the design, manufacture and sale of bedpan cleaning and disinfection machines (RDA). The high-tech products are produced by a motivated team of specialists and skilled craftsmen in Haan in the Rhineland, supported by Management and Sales. The machines are certified as medical devices according to DIN EN ISO 13485:2016.

The complete transparency of the machines allows the operator's in-house technicians to eliminate most of any malfunctions themselves.



DISCHER – certified quality

DISCHER certifications / awards

The company's innovations in the development of its products include technologies and processes intended to withstand continuous operation. Therefore DISCHER has its new developments assessed and certified by external inspectors.



Certificate according to DIN EN ISO 13485 and Standard 93/42/EWG



DISCHER – hygiene expert report DIN EN ISO 15883-1 by the HYBETA Institute



DISCHER – award "Prize for Medium-sized Companies"



DISCHER – award "Quality Prize"



DISCHER – award "Family-friendly company"

DISCHER Technik has also received further certificates, awards and recognition for its corporate policy and product developments.



Service technicians in action throughout Germany

"We are here for you" – the DISCHER service technician team's motto can be summarised that succinctly and simply. The technicians are in action throughout Germany keeping DISCHER cleaning and disinfection machines in good shape on operators' premises.

The service team generally attends customers' premises for the annual maintenance. The machines are tested extensively from electronics to the installation connections. Wearing parts are replaced if necessary. This in-situ maintenance is free of charge during the warranty period and includes all wearing parts. DISCHER technicians are generally at the customers' premises within approx. 24 hours in the event of any, extremely rare, malfunction that cannot be eliminated by the operator's in-house technician.

In this process, the important factors are the safety of CE-certified machines with regard to accident prevention regulation DGUV A3 as well as medical technology validation. Because nothing is more important to the operator than a technically and hygienically reliable machine; this is also of concern with regard to insurance.

The service technicians are also involved in consulting in special cases or with complicated situations at the installation location. Solutions are always found to such cases particularly since the DISCHER RDA range offers such varied technical possibilities. This fits our motto "No such thing as no can do!"

Made in Germany

Committed and qualified employees ensure the proven and certified quality. High-quality systems are formed on a modular basis and undergo quality testing at each stage in production. All work steps such as development, procurement, production, final testing and dispatch are performed by specialists.

DISCHER also plans with you the complete fitting of patient care work rooms; this has proven itself for perfect ergonomic and hygienic solutions particularly in confined or angled spaces.



DISCHER Technik ensures a high level of product reliability by using effective quality assurance systems. These measures frequently exceed the technical norms and demonstrate the high standard of DISCHER products. These awards confirm the company in its philosophy of never slacking in the constant improvement and optimisation of its products.

DISCHER Technik – innovation since 1977

Maximum product and hygiene reliability in medical technology

DISCHER cleaning and disinfection machines for patient care utensils have been developed specially for the safe and hygienic disposal of patient excretions. The machines are widely used ranging from retirement and care homes to hospitals due to their ease of operation and reliability.

Quality and expertise at the highest level!



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