

DENIOS

ENVIRONMENTAL PROTECTION
& WORK SAFETY



EMERGENCY TANK
SHOWERS FOR INDUSTRY.

www.denios.de/tanknotduschen

EMERGENCY TANK SHOWERS FROM DENIOS. MAXIMUM OPERATIONAL RELIABILITY.



EMERGENCY TANK SHOWERS FROM DENIOS. MAXIMUM OPERATIONAL RELIABILITY.

An emergency shower is a first aid measure that can protect against serious injuries and save lives. Emergency tank showers from DENIOS are appreciated by users for their high-quality design and intuitive operation. The special design allows the GFTS emergency tank shower to be operated without a permanently installed water supply. Installation options are therefore almost unlimited.

If a permanently installed water connection is required after all, a cold water supply is all that's needed. Temperature control takes place in the tank. The filled storage tank reliably supplies water, even in the event of a power failure or if the water supply is interrupted. In addition to significant savings in planning, installation and maintenance, the emergency tank shower offers a number of other advantages. With the addition of servicing and training from DENIOS, operators can build a comprehensive, safe package.

CONTENTS.

EMERGENCY AID REQUIRES USER ACCEPTANCE.	FROM P. 4
OPERATIONALLY RELIABLE AND PROVEN.	FROM P. 5
WHAT YOU SHOULD PAY ATTENTION TO AS AN OPERATOR.	FROM P. 6
SERVICE FROM THE START.	FROM P. 7
COMPLIANT WITH STANDARDS FOR YOUR SAFETY.	FROM P. 8
HIGH QUALITY STAINLESS STEEL FINISH.	FROM P. 10
STANDARDISED BASIC DESIGNS.	FROM P. 11
EQUIPMENT.	FROM P. 12
THE FULL EMERGENCY SHOWER RANGE.	FROM P. 18
WHICH EMERGENCY SHOWER IS THE RIGHT ONE FOR MY APPLICATION?	FROM P. 19

With emergency tank showers from DENIOS, you are taking your responsibility for work safety seriously.
We will support you with a holistic concept and customised solutions.


Helmut Dennig – CEO


Ansgar Jost – Director Engineered Solutions


Sascha Mohe – Head of Business Development

EMERGENCY AID REQUIRES USER ACCEPTANCE.

WHAT AN EMERGENCY SHOWER MUST DO.

In manufacturing companies, chemical accidents can still occur even when legal requirements are met. Despite optimal instruction and personal protective equipment, a residual risk remains. If an accident does occur, it is important to keep the impact as low as possible. For example, after a chemical spill, emergency showers and eye showers are used to provide first aid, wash away contamination or extinguish fires before they cause more serious injuries. Emergency showers are provided as a first aid measure for the following hazards:

ACIDS AND ALKALIS.



EXTREME CONTAMINATION.



FLAMMABLE SUBSTANCES AND FIRE.



HOT SURFACES AND STEAM.



IN AN EMERGENCY, TRUST SAVES LIVES.

There are various reports of cases where the emergency measure was in place, but it did not serve its purpose. In particular, human behaviour in an emergency situation should not be overlooked.

1. The injured person panicked and ran out of the production hall into the open air.

In a panic situation, the flight instinct may kick in. It's therefore advisable to set up additional emergency showers suitable for outdoor installation in the outdoor area.

2. The emergency shower was not used because the water was cold.

An injured person does not usually think rationally and is very sensitive. Serious injuries have occurred because the person did not want to be subjected to cold water. A temperature-controlled emergency shower should be provided, especially in cold ambient temperatures.

3. The emergency shower was not used because it did not seem trustworthy.

There are frequent reports of instances where emergency showers appeared so dilapidated due to dirt and weathering that they were not used in an emergency. Saving money at the wrong point and not paying attention to quality can have fatal consequences.

The effectiveness of emergency aid equipment relies completely on users accepting its use. Then the most important thing is to put as few obstacles as possible in the way of the injured person and to prevent any reluctance as far as possible. Trust grows from positive perception and experience. And that can save lives.

DENIOS TIP:

The safety data sheets of hazardous substances often refer to the need for eye and emergency showers.



OPERATIONALLY RELIABLE AND PROVEN.

THE EMERGENCY TANK SHOWER FROM DENIOS PROVIDES RELIABLE HELP.

Emergency tank showers are body showers equipped with a storage tank. They have an extremely wide range of applications and offer maximum operational reliability. The GFTS emergency tank shower from DENIOS is designed for the highest possible acceptance of use.

1. The GFTS emergency tank shower is suitable for outdoor installation and does not need a water supply. Wherever the emergency tank shower is used, it does not require a water connection as it has a storage tank. It can still be operated even if the power supply is interrupted. A total failure is almost impossible. An emergency tank shower ensures maximum operational readiness for "emergency shower" safety equipment.

2. It provides temperature controlled water in cool ambient temperatures. The emergency shower water temperature of 15 to 37 °C recommended in DIN EN and required by ANSI is essential for industrial applications. Thermostatically controlled immersion heaters ensure an appropriate water temperature in the GFTS emergency tank shower, thereby increasing acceptance of use. The heated design prevents hypothermia of the person needing treatment and freezing of the emergency tank shower.

3. The GFTS emergency tank shower is made of stainless steel.

This makes it easy to keep clean, gives it a quality appearance and is the best choice from a hygienic point of view. In cluttered industrial environments and accident-related stress/panic situations, the rugged design increases awareness and can withstand rough use. The framework of the GFTS emergency tank shower provides a barrier, so that the shower area is usually kept free.

4. Complete with a wide range of equipment and service options, the GFTS emergency tank shower meets all legal and customer-specific requirements.



Due to high acceptance of use, the GFTS emergency tank shower has already proven itself in the chemical industry, logistics, waste disposal and offshore sectors.

WHAT YOU SHOULD PAY ATTENTION TO AS AN OPERATOR.

PLAN SAFELY AND SAVE MONEY WITH GOOD ADVICE.

In plant engineering, the trend is toward emergency tank showers, since these emergency showers with stainless steel storage tanks supply temperature-controlled water with maximum operational safety and minimum planning and investment costs, fulfilling the requirements of the German Drinking Water Ordinance (TrinkwV) in the simplest way possible.

ASSESSMENT OF THE CIRCUMSTANCES.

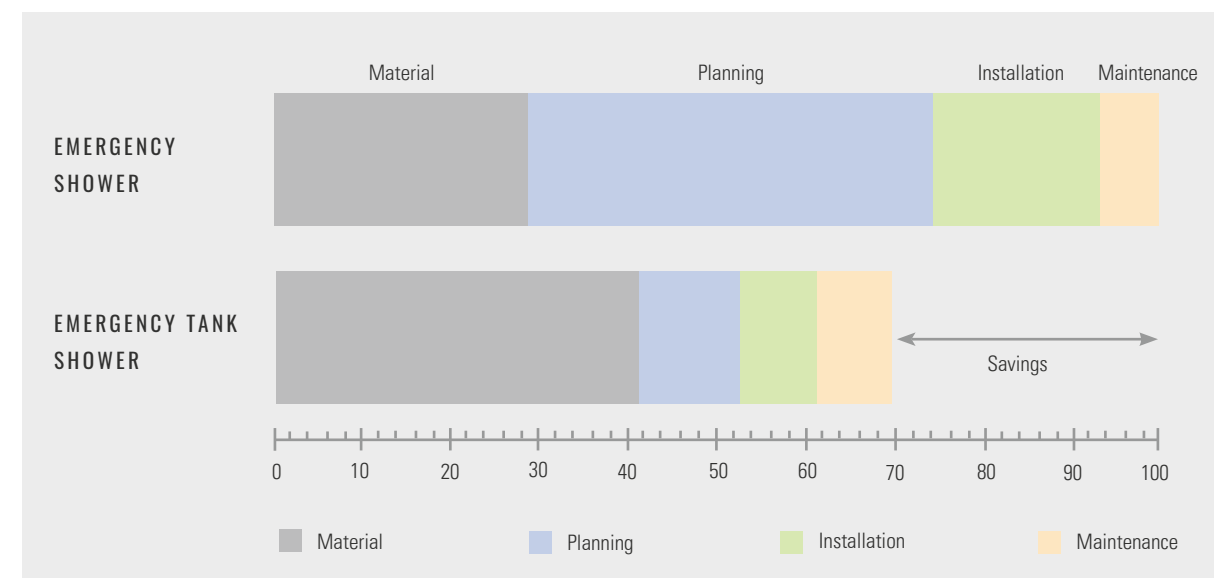
As the operator, you are obliged to prepare a risk assessment in accordance with §3 of the Workplace regulation (ArbStättV). We can support you with consulting services to identify the appropriate protection measures for your application. This minimises the risk of a bad investment and provides you with important planning assistance. We can assist you in evaluating the circumstances around your operation if you're thinking of obtaining an emergency tank shower, including:

- Application (emergency shower/decontamination shower*)
- Installation site (distances, accessibility, infrastructure in general)
- Ambient temperatures (min./max.)
- Door control unit/fire detector (fault)
- Drinking water availability
- ATEX zones (explosion protection)
- Employee qualifications
- Leak sensor (malfunction)
- Costs

AN EMERGENCY TANK SHOWER SAVES MONEY.

The emergency tank shower can be operated without a permanently installed water supply, alternatively a cold water connection is sufficient. On the one hand, this minimises the effort required for planning, installation and maintenance of the pipe network. On the other, it simplifies electrical planning, since only the immersion heater needs to be supplied with power.

COST SAVINGS



SERVICE FROM THE START.

FOR LASTING SAFETY AND VALUE RETENTION.

Time and again, we receive customer inquiries regarding the need for maintenance and testing of emergency shower equipment. People often ask "Is there an inspection obligation on the part of the operator and which groups of people are authorised to perform maintenance?"

Professional associations and legislators require the operator of the emergency shower to carry out:

- functional tests at least monthly (note: these are only a test, not maintenance!)
- maintenance at least once a year (according to current regulations)

SERVICE AND MAINTENANCE FROM DENIOS.

Transport, installation and commissioning.

We will gladly take care of transport and (ready-to-connect) installation for you. The statics require a foundation to be built by the operator beforehand in accordance with our recommendation. Proper commissioning of emergency and eye showers requires extensive flushing and inspection of all lines and - if present - inspection of electrical consumption and signal transmitters.



Maintenance and cleaning service including documentation.

As part of our annual maintenance by trained and certified personnel from our company and/or our service network, body and eye showers are professionally checked on site and repaired if necessary. The operator then receives detailed test records documenting compliance with the safety regulations.



Rental service.

As a rule, an emergency tank shower is permanently installed. For applications in which an emergency tank shower is to be used for only a short time and on a one-off basis, we offer a rental service for our customers in Germany and Benelux. Typical applications are large-scale shutdowns, construction sites with hazardous materials, as well as prototypes and test facilities.



TRAINING AND AUTHORISATION.

TRBS 1203 and BetrSichV § 2.6 define the requirements for a qualified person to perform maintenance activities for emergency and eye showers. A special seminar at the DENIOS Academy allows participants to gain the qualification needed to carry out maintenance independently.

COMPLIANT WITH STANDARDS FOR YOUR SAFETY.

BASIC RECOMMENDATIONS AND REQUIREMENTS.

DIN EN 15154 Parts 01 to 06 represent the state of the art in the field of application of body and eye emergency showers. DGV-213-850 also applies specifically to laboratories. If emergency tank showers are supplemented with eye showers, the eye showers are standardised according to DIN EN 15454-2.

BODY SHOWERS.

are described in

- Part 1 for the laboratory and
- Part 5 for production and logistics.

The risk assessment should justify any deviation from the standard. Depending on the result of the risk assessment, GFTS emergency tank showers are available in different versions, [SEE P. 11](#).

FLOW.

Depending on the result of the risk assessment according to §3 of Arb-StättV, a corresponding flow must be provided. DIN EN 15154 recommends that the following flows are maintained:

- Eye showers: > 6 l /min
- Body showers in the laboratory: > 30 l /min (Germany) and > 60 l /min (EU)
- Body showers in industry & logistics:

CLASS	FLOW L/MIN
I	30 to 60
II	60 to 100
III	> 100

EYE SHOWERS.

for both laboratories and industry are described in Part 2 of DIN EN 15154.



WATER TEMPERATURE.

The emergency shower water temperature of 15 to 37 °C recommended in DIN EN 15154-05 (2019) is essential for industrial applications. In indoor or large indoor locations, the risk of hypothermia is present at all times of the year. Since the legislator refers to the state of the art in ArbStättV and other works, there is a de facto obligation here to check whether temperature controlled water should be used.

DENIOS TIP:

- A reasonable water temperature
- increases user acceptance of the emergency shower
- prevents hypothermia of the person needing treatment



WATER QUALITY.

When connecting emergency showers and eye showers to the piped water supply, it is mandatory to comply with the Drinking water ordinance (TrinkwV). This does not apply to emergency tank showers, which do not require a water supply. The potential risk of contamination is eliminated in the GFTS emergency tank shower through design and water additives. This means the replacement cycle for the water can be extended up to 6 months.

LOCATION.

Accessibility and surroundings

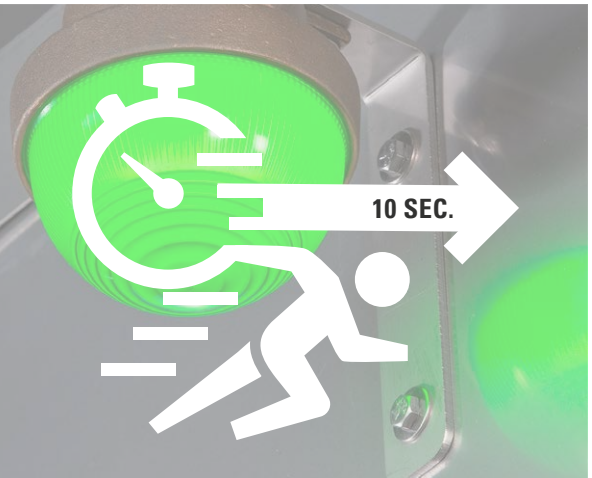
Easy accessibility is vital in an emergency.

The DIN EN recommends for industry and logistics

- accessibility within 10 seconds
- 20 m distance without obstacles
- highly visible locations, preferably on the usual operating route
- compliance with the normative proposed distances and clearances

Marking locations

Locations of emergency and eye showers must be marked with a mandatory safety sign. ASR-A1 defines the form and design and specifies the detection ranges.



CLEARANCES / MOUNTING HEIGHTS.

Body showers should have a clearance under the shower head of at least 0.8 m and be installed +/- 2.2 m above the foundation.

Eye showers should be installed with 15 cm distance from the nearest obstacle and +/- 1 m above the foundation.

SERVICE & MAINTENANCE.

Accessibility and surroundings

Transportation, installation, maintenance, cleaning - after purchase and during operation of the emergency tank shower there are some important procedures, including recurring ones, to consider.

The German Workplace regulation (ArbStättV), Industrial safety regulation (Betr SichV) and BGI/GUV-I 850-0 laboratory guideline require regular inspection, maintenance and servicing of emergency and eye showers by qualified persons in accordance with the Technical rules for industrial safety (TRBS1203).



DENIOS TIP:

Ensure your investment retains its value and is accepted by users from the very first moment. Order the appropriate service for the GFTS tank safety shower at the same time, [SEE P. 7](#).



HIGH QUALITY STAINLESS STEEL FINISH.

DURABLE AND RELIABLE IN ANY LOCATION.

The basic construction of the GFTS emergency tank shower consists of a circumferentially welded solid square tube frame with suspended stainless steel tank including a tightly closing lid. The construction has a structural analysis according to DIN EN 1991-1-4 up to wind class 4 (coast) and snow loads according to DIN EN 1991-1-3. The tank is insulated on all sides and covered with sheet metal, the frame is in stainless steel. For optimal water quality, the tank is always made of stainless steel. Thanks to its modular design and manufacture in Germany, the GFTS emergency tank shower can be perfectly adapted to your operational conditions and requirements.

FULLY ASSEMBLED AND READY FOR CONNECTION.

The GFTS emergency tank shower is supplied fully assembled. On site, the shower only needs to be set up, fixed to the foundation and, if necessary, connected to the water and electricity supplies.

CAN BE USED IN EX ZONES 1 AND 2.

The GFTS emergency tank shower is suitable for use in Ex zones 1 and 2. It has an up-to-date Ex marking for non-electrical and electrical explosion protection according to European Explosion Protection Directive 2014/34/ EU (ATEX) and harmonized standards EN 13463-1:2009 and ISO 80079-36:2016, respectively.



STANDARD-COMPLIANT EYE SHOWER (OPTIONAL).

The eye shower complies with DIN EN 15154-2 and is supplied mounted on the right as standard. It therefore does not restrict the space under the body shower, which is used as a standing platform. On request, the eye shower can also be mounted on the left or inside.

FLOAT VALVES FOR FLOW REGULATION.

The float valves have integrated flow regulators.

STURDY CONSTRUCTION.

The frame construction is in solid stainless steel square tube, welded all around. The suspended storage tank is made entirely of stainless steel and has a tight-fitting lid. Including structural analysis according to current EU standards.

INTERCHANGEABLE SHOWER HEAD.

The shower head not only meets the specifications of DIN EN 15154-5, but is also self-draining, largely free of limescale, low maintenance, and highly robust and corrosion-resistant. The limited, uniform, soft water jet is optimised for rinsing chemicals from the skin and extinguishing clothing. The GFTS emergency tank shower is equipped as standard with a shower head giving a flow of 40 l/min. If necessary, the high-performance shower head offering 76 l/min can also be selected.

STANDARDISED CONNECTIONS.

The water supply, overflow, junction boxes for the electrical system and the optional immersion heater are arranged at the rear as standard. When planning, bear in mind that the heater requires 850 mm of mounting space to the rear if it is to be repaired at a later date. If necessary, other arrangements can be selected.

SPECIAL DESIGNS ACCORDING TO PROJECT REQUIREMENTS.

The emergency tank showers can be adapted to particular project conditions on site with the optionally available accessories.

COLLECTION AND RECYCLING.

The high-quality design of the GFTS emergency tank shower usually ensures a long service life through regular cleaning and maintenance. If, for example, the emergency tank shower has to be withdrawn from service due to severe damage, we will offer to take it back and fully recycle it. All materials can be 100% recycled. This means that you are choosing a highly sustainable solution.



STANDARDISED BASIC DESIGNS.

ADAPTABLE TO ANY NEED.

Various basic versions are available, with different tank volumes. The operating time of the emergency tank shower results from the ratio of tank volume to flow rate in the case of a stand-alone installation. For a combination shower (body/eye shower/hand shower), the duration of use is shortened. Other versions and sizes (e.g. 1600 and 2000 litres) are available on request.



Tank volume (net)	SHOWER HEAD FLOW					
	40 l/min according to class I DIN EN 15154-5			76 l/min according to class II DIN EN 15154-5		
	OPERATING TIME WITH STAND-ALONE INSTALLATION					
	Without ES	With ES	With ES/HS	Without ES	With ES	With ES/HS
350 litres	~ 9 min	~ 7 min	~ 6 min	~ 5 min	~ 4 min	> 3 min
800 litres	~ 20 min	~ 16 min	~ 13 min	~ 11 min	~ 9 min	> 8 min
1200 litres	~ 30 min	~ 24 min	~ 20 min	~ 16 min	~ 14 min	~ 13 min
1350 litres	~ 34 min	~ 27 min	~ 23 min	~ 18 min	~ 16 min	~ 14 min

Legend: ES = eye shower, HS = hand shower

When connected to a drinking water supply line, the duration of use is unlimited.

EQUIPMENT. FOR THE WATER TANK.

The water tank is the heart of the emergency shower. Sterility is achieved by an antibacterial additive. Regular cleaning of the tank can be booked as part of our maintenance service or a cleaning kit is available to purchase. Various equipment options are available for filling the tank.

WATER TEMPERATURE DISPLAY.

- Stainless steel display that roughly indicates the water temperature in the tank.
- Mounted on the front of the tank.
- Recommended option to enable regular checking of the water temperature according to the operating instructions.



TEMPERATURE SENSOR.

- Temperature sensor PT100 4-wire version for additional on-site temperature monitoring of emergency tank showers including wiring up to the junction box.
- Available for Ex zones 1 and 2.



PIPING FOR MANUAL FILLING.

- The water supply is located 1 m above the foundation on which the emergency tank shower is located.
- Manual filling with water and preservative by hose is facilitated.
- Material: stainless steel.



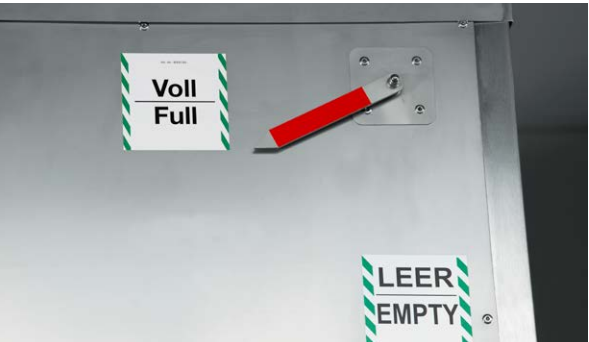
ELECTRIC PUMP.

- Manual filling by IBC and pump with hose.
- 1200 mm immersion depth.
- Pump interior in polypropylene.
- Supplied as a ready-to-use set including media-resistant hose, nozzle and drum adapter.
- Ex version on request.



LEVEL INDICATOR.

- Visual level indicator for emergency tank showers.
- Float-controlled indicator mounted at the top of the front of the tank.
- The water tank of the emergency tank shower should always be full.



IMMERSION HEATER.

- Immersion heater 3 kW with stainless steel basin.
- Control thermostat with a setting range from 0 °C to 40 °C and additional limit thermostat.
- Available for Ex zones 1 and 2.



WATER PRESERVATIVE.

- Antibacterial additive for tank eye showers and emergency tank showers.
- The water in the tank is preserved with this additive for up to 6 months.
- The dosage is 10 ml of concentrate per 100 l of water. One bottle contains 100 ml.



CLEANING KIT.

- The cleaning kit for basic cleaning of emergency tank showers consists of three complementary agents for cleaning, disinfection and neutralisation, as well as a 10-litre bucket, a washing brush and a sponge.



EQUIPMENT.

FOR THE SHOWER ENCLOSURE.

The shower enclosure has the greatest variety of equipment. The body shower becomes a combination shower by adding an eye shower and a hand shower to the enclosure. Side and rear panels are a useful addition, especially to provide protection from the wind. With the collection tray, contaminated water is collected and can be discharged in a targeted manner.

HIGH PERFORMANCE SHOWER HEAD.

- High-performance shower head class II with a flow rate of 76 l/min.
- Used in accordance with DIN EN 15154-5 for hazard class 2.
- Material: polyoxymethylene (POM).



STANDING PLATFORM RELEASE.

- Activating the standing platform release activates the water flow from the emergency tank shower.
- Platform actuation can be used in addition to the push rod.



EYE SHOWER FOR EMERGENCY TANK SHOWERS.

- Eye and face shower with basin and cover.
- Opening the cover activates the eye and face shower.
- The standard position is on the outside right of the emergency tank shower.



HAND SHOWER.

- The additional hand shower is triggered separately and is located at the front left as standard.
- The shower head has a rubber sleeve and a dust cover.
- The hose is sheathed in stainless steel.



STRIP CURTAIN.

- PVC strip curtain for the entrance/exit of an emergency tank shower or in dual version as a walk-through version.
- Only suitable for Ex zone 2.



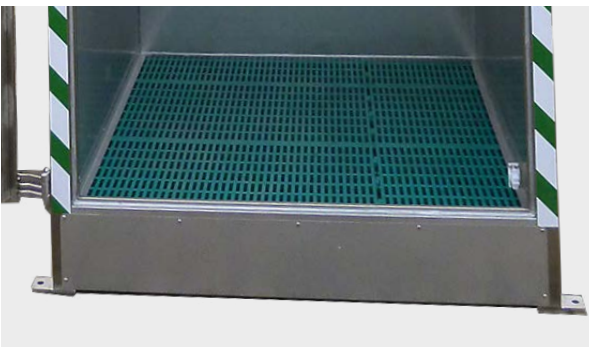
SIDE AND REAR PANEL.

- Side and rear walls covered with stainless steel sheets.
- Protection from the weather.
- Other materials are also available as an option.



COLLECTION TRAY.

- The stainless steel collection tray collects the used water.
- With 2-inch external diameter drain connection.



DENIOS TIP: COMBINATION SHOWERS.

Not every injury is the same. For extensive injuries a body shower is indispensable, because it allows the whole body to be thoroughly showered. In the case of smaller injuries, acceptance of using the body shower will decrease. We therefore recommend combination with an eye shower and hand shower to provide targeted immediate help for eye injuries and smaller injuries to ensure the greatest possible acceptance of use. Note that the combination shower has a shorter duration of use than the body shower without additional water dispensers, [SEE P. 11](#).



EQUIPMENT.

FOR LIGHTING AND MOUNTING.

Lighting and mounting equipment are basic components that should not be missing from your emergency tank shower. They provide visibility, stability and protection from external forces.

POSITION LIGHT.

- Position light with green light for emergency tank showers including mounting and junction box.
- Wired up to the junction box.
- Also available in Ex version.



LIGHTING.

- Strip light with LED.
- Can be used as ambient lighting for the entrance area of the emergency tank shower or to illuminate the enclosure.
- Wired up to the junction box.
- Available for Ex zones 1 and 2.



MOUNTING KIT FOR FOUNDATION.

- Ground anchor kit for mounting the emergency tank shower on a concrete foundation provided by the customer.
- Important note: the static requirements are only considered to be fulfilled when the ground anchoring is correct. Requirements for the foundation are supplied during the order process.



IMPACT PROTECTION.

- Effective hazard prevention for internal traffic accidents.
- Depending on the application, various impact protection systems and barriers are available.
- We recommend impact protection bars and impact protection corners for protection of the emergency tank shower.



EQUIPMENT.

FOR ALARMS AND SIGNALING.

With the alarm options, you are immediately informed when the emergency tank shower is in use or the tank contents fall below the required reserve fill level. An alarm can also be triggered by a low temperature in the tank. Visible-audible signals alert first responders on site.

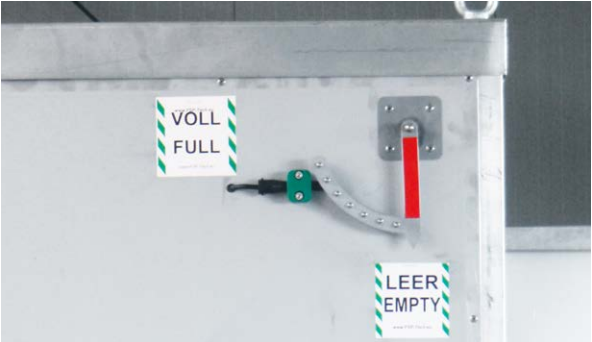
ACTIVATION ALARM.

- Magnetic switch activated when the emergency tank shower is triggered.
- For the version with eye shower/hand shower, an additional switch is required for each facility.
- Including wiring up to the junction box.
- Suitable for Ex zones 1 and 2.



FILL LEVEL ALARM.

- Emergency sensor for low level in the water tank including wiring to the junction box.
- The switch signals an alarm from approx. 85 % fill volume.
- Available for Ex zones 1 and 2.



RED FLASHING LIGHT.

- Mounting included.
- Wired to the junction box.
- The connection between the emergency sensor and the electrical consumer is made on site by means of an intermediate relay/contact.
- Available for Ex zones 1 and 2.



SIREN.

- Eight different signal tones can be set.
- Mounting included.
- Wired up to the junction box.
- The connection between the emergency sensor and the electrical consumer is made on site by means of an intermediate relay/contact.
- Available for Ex zones 1 and 2.



THE FULL EMERGENCY SHOWER RANGE.

VARIETY THAT ONLY DENIOS CAN OFFER.

As a full-range supplier, DENIOS provides the complete spectrum of emergency showers, eye showers and eye wash bottles. On request, you'll receive customised advice and an offer tailored exactly to your needs.

EMERGENCY TANK SHOWERS.

- Emergency tank shower in stainless steel combines body and eye showers.
- Suitable for installation in an industrial environment.



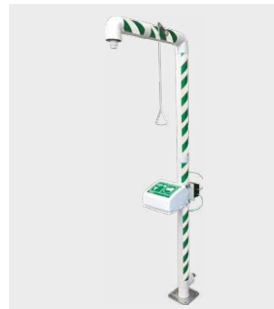
THERMO EMERGENCY SHOWERS.

- Thermostatically controlled safety showers.
- Immersion heater/heater 3 KW.
- Sturdy stainless steel piping with rock wool insulation packing.



FROST-PROOF EMERGENCY SHOWERS.

- Frost-proof to -30 °C.
- Freestanding, heated, insulated combination shower.
- For floor mounting.



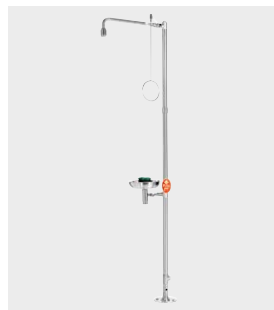
MOBILE EMERGENCY SHOWERS.

- Mobile emergency tank shower with 230 litre fill capacity.
- With solid rubber tyres and folding drawbar (not for use according to StVZO).



EMERGENCY SHOWERS.

- Freestanding combination shower.
- For floor mounting.
- DIN DVGW certified versions available.



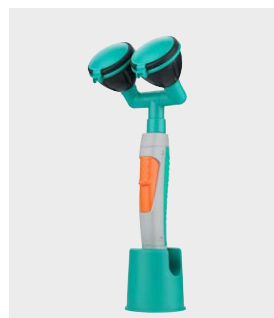
EYE SHOWERS.

- For wall or table mounting.
- Simple actuation by means of large-area pressure plate or opening of the hinged protective cover.
- DIN DVGW certified versions available.



EYE SHOWERS, HAND-HELD.

- For wall and / or table mounting.
- Simple operation by valve lever.
- Various designs and hose lengths.



EYE WASH BOTTLES.

- Fast treatment for eye injuries.
- Ready for immediate use.
- Available in different versions and with different flushing solutions.



WHICH EMERGENCY SHOWER IS THE RIGHT ONE FOR MY APPLICATION?

When it comes to emergency showers, you are spoiled for choice: there are eye wash bottles, eye showers with water connection, body showers with water connection, combined emergency showers with water connection, frost-proof emergency showers or special emergency tank showers that do not require an on-site water supply. But which product is the right one? To best support you in deciding on the right product, you will find an overview of the most important selection criteria in our practical emergency shower selection guide.

EMERGENCY SHOWER SELECTION GUIDE.

In the DENIOS online shop, you will find a comprehensive selection of products for the emergency supply of flushing fluid. But which product is the right one? To ensure that nothing goes wrong when making your decision, we have put together a clear selection guide for you.

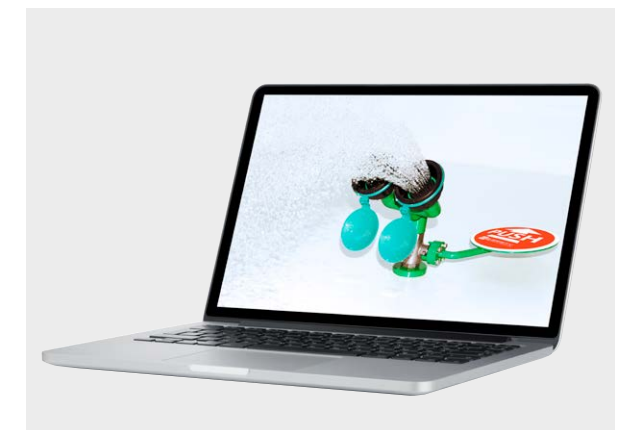
[WWW.DENIOS.DE/NOTDUSCHEN-AUSWAHLHILFE](http://www.denios.de/notduschen-auswahlhilfe)



2-FOLD PROTECTION WITH EMERGENCY SHOWERS: SAFETY FOR OPERATORS. FIRST AID FOR USERS.

An emergency shower is the essential first aid device to contain acute injuries and prevent secondary damage. Learn how operators and installers can better protect themselves with certified products and which equipment features are important for optimum flushing efficiency.

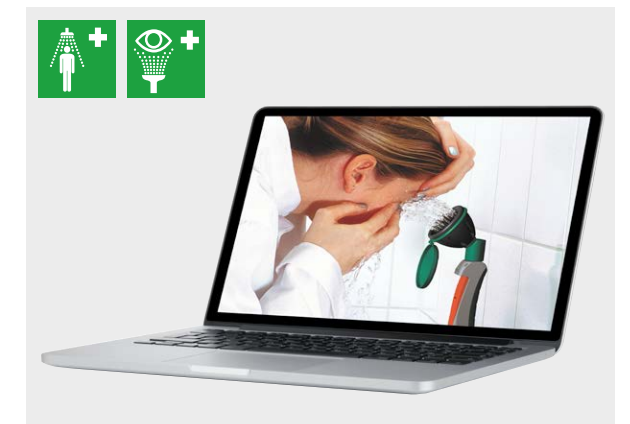
[WWW.DENIOS.DE/2-FACH-ABGESICHERT](http://www.denios.de/2-fach-abgesichert)



EMERGENCY SHOWERS: 10 QUESTIONS, 10 ANSWERS.

Emergency showers and eyewashes are essential first aid equipment in case of contamination. In the DENIOS Emergency Shower FAQ you will find answers to frequently asked questions about body emergency showers, eye emergency showers and eye wash bottles.

[WWW.DENIOS.DE/10-FRAGEN-10-ANTWORTEN](http://www.denios.de/10-fragen-10-antworten)



STAY IN TOUCH!

DENIOS SE
DEHMER STRASSE 54-66
32549 BAD OEYNHAUSEN,

GERMANY
TEL. 0800 753 000 3
WWW.DENIOS.DE



KLIMANEUTRALES
UNTERNEHMEN
certified by Fokus Zukunft

