

# GLORIA®

Equipment for home and garden



## PROFILINE SPRAYERS FOR CLEANING



# GLORIA

## THAT'S NEW



## THE PROFESSIONALS FOR EFFECTIVE VEHICLE CLEANING

GLORIA foam sprayers are the ideal helpers for effective vehicle cleaning. The cleaning agent or car shampoo is transformed into an effective cleaning foam that is easy to apply and acts intensively. The degree of foaming can variably be adjusted by means of a plastic nozzle with three interchangeable inserts, from liquid to hard. Depending on the adjustment, the foam clings to the surface for up to five minutes, can intensely take effect and achieve in-depth cleaning results. Moreover, cleaning foam is economical in use, and considerably less agent is needed.

With the hand sprayer FoamMaster FM 10 FLEX and the 3 litre pressure sprayer FoamMaster FM 30, GLORIA now offers you two new handy foam sprayers for vehicle cleaning. Equipped with high-quality Viton® seals, the two sprayers are also popular helpers in numerous other application areas such as object cleaning or cleaning sanitary facilities or machines.

Read more: [PAGE 12](#)

## GLORIA TIP

### CAR CARE

#### - THE RIGHT WAY:

Always work from bottom to top, because the soiling is always worse in the lower areas. By applying foam on the rims or the lower body area and then working upwards, you extend the exposure time with the foam running downwards.

By rinsing the car thoroughly with a GLORIA pressure sprayer, most of the dirt should already be removed from the paint. In the following second round, clean all areas that are difficult to access separately, such as the trim strips or the radiator grill, in order to achieve a satisfactory result.

# PROFESSIONAL CLEANING

## WITH GLORIA



The sprayers for professional cleaning are designed to meet the high demands in your everyday work with the sprayers. The operating conditions in the cleaning industry call for highest **performance, durability** and **ergonomics** of the GLORIA hand and pressure sprayers.

With its product range, GLORIA provides innovative and technically advanced devices which meet these requirements. The sprayers of the **Performance** and **Extreme** range come with high-quality Viton® seals and are highly resistant to hydrocarbons such as oils, greases and solvents (**EX 100**). The **CleanMaster CM 05, 10, 12 and 50** sprayers, however, have high-quality seals made of EPDM and are ideal for applying bases and acids with a pH-value of 2 to 12.

Innovative technical details characterize the GLORIA sprayers which not only ensure reliability but also corresponding added value when it comes to comfort and handling. For example, the **CleanMaster CM 05, 10, 12 and 50** sprayers are equipped with a double-acting precision pump – one pumping process is enough for two powerful sprays.

The foam sprayers FoamMaster FM 10, 10 Flex, 30 and 50 come with integrated foam cartridges to adjust the degree of foaming. Since different purposes require different degrees of foaming, the effectiveness of the FoamMaster sprayers can be modified quickly and simply.

**The GLORIA product range for professional cleaning impresses with numerous features:**

- **Durable and resistant**

All CleanMaster and FoamMaster sprayers are manufactured from highly resistant materials and seals which withstand contact with aggressive media.

- **No direct contact with the spraying agent**

Whether it be a hand-held sprayer or a large-volume pressure sprayer – all models are designed in such a way, that the danger of the user's skin coming into contact with the spraying agent is as low as possible. On the one hand, this is achieved by large filling funnels (with the exception of the hand sprayers), on the other hand by professional assembly of resistant spray lances and nozzles.

- **Ergonomic operation**

The 5 and 8 l pressure sprayers are comfortably carried on the body by a shoulder strap. Thanks to the long sprayrange, tedious bending over, stretching and kneeling are reduced as much as possible.

- **Time saving**

The powerful GLORIA sprayers stand out due to their high operating speed. Large areas can be treated just as fast as contorted, difficult-to-access spots.

- **Cost saving**

The spraying agents are applied constantly and evenly. This guarantees their efficient use.



# GLORIA

## FIELDS OF APPLICATION

The products for professional cleaning are suitable for a wide range of applications. The following list provides an overview of the numerous opportunities how the GLORIA hand and pressure sprayers can assist you in your daily cleaning and disinfecting routine.

### Cleaning & disinfecting of sanitary facilities

- Toilets
- Laundries
- Bathrooms
- Showers
- Lavatories
- Changing rooms



### Cleaning & disinfecting of hygiene facilities

- Hospitals
- Practice / laboratory equipment
- Open air / indoor swimming pools



### Building cleaning

- Windows and building exteriors
- Staircases
- Parking facilities
- Hotel facilities
- Removing graffiti from buildings



### Pest & epidemics control

- Buildings
- Interiors



### Cleaning & disinfecting in agriculture

- Stables
- Cattle breeding facilities



### Cleaning & disinfecting in industry and handcraft

- Cleaning / conservation of machines
- Workshops
- (Final) cleaning of construction sites



### Car care

- Car-wash plants
- Vehicle cleaning
- Rim cleaning
- Brake cleaning
- Engine cleaning
- Canvas cleaning



### Cleaning & disinfecting in food industry

- Production plants
- Canteen kitchens
- Cafeterias









# GLORIA QUALITY

## DOWN TO THE LAST DETAIL

### TYPES OF ELASTOMER FOR USE AS SEALS BY GLORIA

To help you choose the right GLORIA sprayer, the following specifications will provide a general overview of the resistance of various elastomer mixtures to the most common agents.\*

Abbreviation	Known trade name	Properties
	Viton®	<p>Elastic synthetic rubber for industrial use</p> <ul style="list-style-type: none"> <li>• Very good resistance to mineral oil, hydrocarbons (oil, grease, solvents), chlorinated hydrocarbons, concentrated and diluted acids and weak alkali</li> <li>• Excellent resistance to heat</li> <li>• High mechanical properties</li> <li>• Outstanding resistance to ageing</li> <li>• Very good compression set</li> </ul>
	Viton® Plus	<p>Elastic synthetic rubber with a high fluorine percentage</p> <ul style="list-style-type: none"> <li>• High resistance to agents with hydrocarbon and paraffin, polar solvents or ketones</li> <li>• For particularly aggressive chemicals</li> <li>• Outstanding properties</li> </ul>
	Buna EP®	<p>EPDM-seals with excellent resistance to heat and weathering</p> <ul style="list-style-type: none"> <li>• High resistance to alcohol, water, bases or weak acids</li> <li>• Not appropriate for hydrocarbons or oil</li> </ul>
	Silopren	<p>Silicone rubber</p> <ul style="list-style-type: none"> <li>• Good resistance to chemicals and temperature</li> <li>• Good physiological properties</li> </ul>

\* The quick development of our technology requires continued advancement of seal materials to meet the constantly increasing demands of the cleaning industry. The above mentioned specifications are therefore not binding and do not guarantee proper functioning.





**CLEANMASTER**



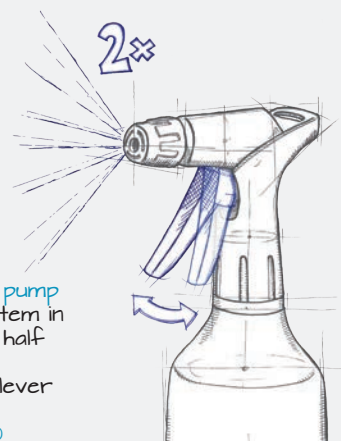
# FLEXIBLE USE IN CLEANING

The hand and pressure sprayers of the GLORIA CleanMaster range come with high-quality seals made of EPDM. They are ideal for the application of acidic and alkaline spraying agents and are very versatile.

When it comes to acidic agents, the special sprayers of the Performance series can be used for a wider range of mixtures. Due to their Viton® seals, the pressure sprayers PF 12 and PF 50 are ideal for applying disinfectants, cleaning agents and construction chemicals.

The CleanMaster range is complemented by the three robust hand sprayers of the Extreme series. The EX 100 is an expert when it comes to spraying solvent-containing agents and is resistant to petrol, benzol, oil, alcohol and agents which contain organic solvents. The hand sprayers EX 05 and EX 10 are ideal for agents with a degreasing effect.

## QUALITY IN DETAIL



Double-acting precision pump  
Innovative chamber system in  
spray head makes for half  
the work - one single  
actuation of the pump lever  
triggers two sprays.  
CM 05/10 and EX 05/10



### CM 05

Art no.: 000607.0000

- Hand sprayer for applying acidic and alkaline spraying agents
- Material of seals: EPDM
- Suitable agents: Acidic agents (up to pH-value of 2), alkaline agents (up to pH-value of 12)
- Filling capacity 0.5 L / Total capacity 0.6 L
- Sturdy plastic container made of polyethylene
- Continuously adjustable nozzle and comfortable grip structure
- Double-acting precision pump: pump 1 x = spray 2 x
- Ergonomically designed pistol grip
- Bottom ring for a safe stand
- Transparent container



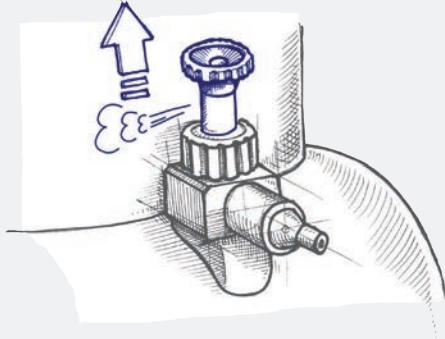
### CM 10

Art no.: 000613.0000

- Hand sprayer for applying acidic and alkaline spraying agents
- Material of seals: EPDM
- Suitable agents: Acidic agents (up to pH-value of 2), alkaline agents (up to pH-value of 12)
- Filling capacity 1.0 L / Total capacity 1.1 L
- Sturdy plastic container made of polyethylene
- Continuously adjustable nozzle and comfortable grip structure
- Double-acting precision pump: pump 1 x = spray 2 x
- Ergonomically designed pistol grip
- Bottom ring for a safe stand
- Transparent container



## QUALITY IN DETAIL



### Operating pressure infinitely variable

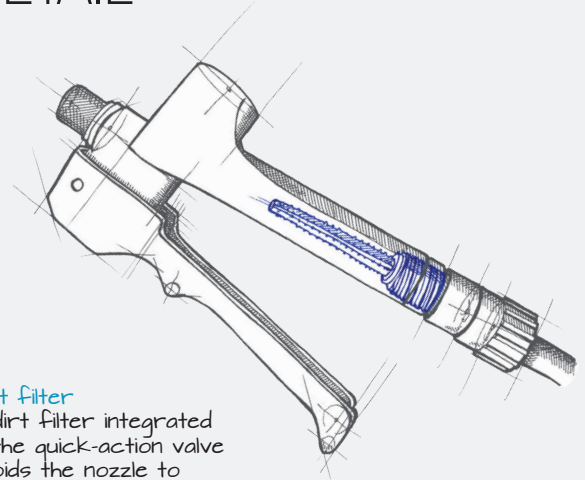
Should the operating pressure in the sprayer exceed the admissible value, the safety valve integrated in each pressure sprayer will automatically correct it.

With all pressure sprayers

### Connection for compressor

Automatic pressure build-up without manual pumping.

FM 50



### Dirt filter

A dirt filter integrated in the quick-action valve avoids the nozzle to be clogged.

With all sprayers



## EXTREME EX 05

Art no.: 000608.0000

0,5l

- Fine sprayer for applying agents with a degreasing effect and acidic and alkaline agents
- Material of seals: Viton®
- Suitable agents: Acidic agents (up to pH-value of 4), alkaline agents (up to pH-value of 11), oil / oil-containing agents, agents with a degreasing effect

- Filling capacity 0.5 L / Total capacity 0.6 L
- Sturdy plastic container made of polyethylene
- Continuously adjustable hollow cone nozzle
- Double-acting precision pump: pump 1 x = spray 2 x
- Ergonomically designed pistol grip
- Bottom ring for a safe stand
- Transparent container



## EXTREME EX 10

Art no.: 000614.0000

1,0l

- Fine sprayer for applying agents with a degreasing effect and acidic and alkaline agents
- Material of seals: Viton®
- Suitable agents: Acidic agents (up to pH-value of 4), alkaline agents (up to pH-value of 11)

- Filling capacity 1.0 L / Total capacity 1.1 L
- Sturdy plastic container made of polyethylene
- Continuously adjustable hollow cone nozzle
- Double-acting precision pump: pump 1 x = spray 2 x
- Ergonomically designed pistol grip
- Bottom ring for a safe stand
- Transparent container







## CM 12

Art no.: 000615.0000



- Pressure sprayer for applying acidic and alkaline cleaning agents
- Material of seals: EPDM
- Suitable agents: Acidic agents (up to pH-value of 2), alkaline agents (up to pH-value of 12)
- Filling capacity 1.25 L / Total capacity 1.55 L
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Precision pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container



## PERFORMANCE PF 12

Art no.: 000616.0000



- Oil-resistant sprayer with a high resistance to acidic cleaning agents
- Material of seals: Viton®
- Suitable agents: Acidic agents (up to pH-value of 2) – wider range of agents than CM sprayers, alkaline agents (up to pH-value of 9), oil / oil-containing agents
- Filling capacity 1.25 L / Total capacity 1.55 L
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Precision pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container

# THE EXPERT FOR SOLVENTS



## EXTREME EX 100

Art no.: 000618.0000



- Pressure sprayer for applying solvent-containing agents such as brake and wheel cleaners and tar and stain removers
- Material of seals: Viton® Plus
- Suitable agents: Acidic agents (up to pH-value of 4), alkaline agents (up to pH-value of 11), oil / oil-containing agents, petrol / benzol, alcohol, solvent-containing agents (hydrocarbons)
- Filling capacity 1.0 L / Total capacity 1.3 L
- Max. operating pressure 3 bar
- Container made of highly-resistant polyethylene
- Spray head made of highly-resistant polyoxymethylene
- Precision pump
- High level of stability thanks to inward curved flat bottom
- Continuously adjustable hollow cone nozzle
- Transparent container





## CM 50

Art no.: 000620.0000

- Pressure sprayer for applying acidic and alkaline cleaning agents
- Material of seals: EPDM
- Suitable agents: Acidic agents (up to pH-value of 2), alkaline agents (up to pH-value of 12)

- Filling capacity 5.0 L / Total capacity 7.0 L
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Plastic spray lance with acid-proof flat jet nozzle
- Hose made of reinforced PVC
- Extension lance (length 0.5 m)
- Powerful pressure pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container
- Portable on shoulder



## PERFORMANCE PF 50

Art no.: 000622.0000

- Oil-resistant sprayer with a high resistance to acidic cleaning agents
- Material of seals: Viton®
- Suitable agents: Acidic agents (up to pH-value of 2) – wider range of agents than CM sprayers, alkaline agents (up to pH-value of 9), oil / oil-containing agents

- Filling capacity 5.0 L / Total capacity 7.0 L
- Sturdy plastic container made of polyethylene
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Plastic spray lance with acid-proof flat jet nozzle
- Hose made of reinforced PVC
- Extension lance (length 0.5 m)
- Powerful pressure pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container
- Portable on shoulder



## CM 80

Art no.: 000625.0000

- Pressure sprayer with a large filling capacity for applying acidic and alkaline cleaning agents
- Material of seals: EPDM
- Suitable agents: Acidic agents (up to pH-value of 2), alkaline agents (up to pH-value of 12)

- Filling capacity 8.0 L / Total capacity 12.2 L
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Plastic spray lance with acid-proof flat jet nozzle
- Hose made of reinforced PVC
- Extension lance (length 0.5 m)
- Powerful pressure pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container
- Portable on shoulder
- CE marking





# FOR USE IN THE FOOD INDUSTRY

The FoodMaster F 12 is safe to use in companies that work with food every day. The special pressure sprayer has been tested and approved for the use in food processing companies by the Eurofins Food Testing GmbH, the world leading laboratory group for analytical services for the food and consumer goods industry.

With a filling capacity of 1.25 litres and a maximum operation pressure of 3 bar, the FoodMaster F 12 is the ideal helper for disinfecting and cleaning production plants, canteen kitchens and cafeterias. Furthermore, the pressure sprayer is safe to use for the application of foods like greases and oils.



The symbol valid throughout the EU characterizes materials that are suitable for food contact.



## YOUR SPECIALIST IN THE FOOD PROCESSING INDUSTRY



### FOODMASTER F 12

Art no.: 000630.0000

- Special pressure sprayer
- Material of seals: VMQ
- Suitable agents: citric acid, hydrochloric acid up to 3%, sulphuric acid up to 10%, nitric acid up to 7%, acetic acid, ammonia up to 10%, caustic soda up to 50%, sodium chloride solution up to 10%, dishwashing liquid, oil / oil-containing agents
- Filling capacity 1.25 L / Total capacity 1.55 L
- Max. operating pressure 3 bar
- Sturdy plastic container made of polyethylene
- Adjustable hollow cone nozzle
- Powerful pressure pump
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container







**FOAMMASTER**



# FOR APPLYING CLEANING FOAM

Cleaning foam is used in many applications of professional cleaning. The surface is not exposed to a high moisture level. Instead, the surface to be cleaned is only moistened by the foam and thereby the dirt is loosened or completely dissolved. After a certain application time, the foam, together with the remaining dirt particles, can be rinsed with clear water without difficulty.

The GLORIA FoamMaster pressure sprayers have a filling capacity

of 1 or 5 litres and a maximum operating pressure of 3 bars. They are ideal for cleaning sanitary facilities, swimming pools, canteen kitchens, workshops, vehicles or machines.

Since different applications require different degrees of foam, the effectiveness of the FoamMaster sprayers can be adjusted quickly and simply due to the included set of foam cartridges. A specially designed flat-spray nozzle ensures even application of the agent.



## FM 10

Art.-Nr.: 000655.0000

- Pressure sprayer for applying cleaning foam
- Material of seals: Viton®
- Filling capacity 1.0 L / Total capacity 1.55 L
- Max. operating pressure 3 bar
- Sturdy plastic container
- Flat jet nozzle with 110° spraying angle
- Set of felt washer cartridges (adjustable degree of foaming)
- Powerful pressure pump
- Ventilating valve with integrated safety relief valve
- Bottom ring for a safe stand
- Transparent container



## FM 10 FLEX

Art.-Nr.: 000656.0000

- Pressure sprayer for applying cleaning foam
- Material of seals: Viton®
- Filling capacity 0,75 L / Total capacity 1.55 L
- Max. operating pressure 3 bar
- Sturdy plastic container
- Flat jet nozzle with 80° spraying angle
- Swivelling spray lance
- Set of felt washer cartridges (adjustable degree of foaming)
- Powerful pressure pump
- Ventilating valve with integrated safety relief valve
- Bottom ring for a safe stand
- Transparent container



## SET OF FELT WASHER CARTRIDGES

Art no.: 728524.0000

- Suitable for FoamMaster FM 10, 10 Flex, 30 and 50
- To set the correct degree of foaming
- Black = excessive, Red = medium, Blue = slightly foaming
- Colour-coded to enable easy distinction
- Set of 3 cartridges



# COMPACT FOAM SPRAYER WITH TOP EQUIPMENT



## FM 30

Art no.: 000658.0000

- Pressure sprayer for applying cleaning foam
- Material of seals: Viton®
- Suitable for the application of agents with a pH value of 5 to 10

- Filling capacity 3.0 L / Total capacity 5.0 L
- Max. operating pressure 3 bar
- Sturdy plastic container
- Plastic spray lance with flat jet nozzle
- Set of felt washer cartridges (adjustable degree of foaming)
- Powerful pressure pump
- Spiral hose (length 2.0 m)
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container
- Portable on shoulder



## FM 50

Art no.: 000660.0000

- Pressure sprayer for applying cleaning foam
- Material of seals: Viton®

- Filling capacity 5.0 L / Total capacity 12.2 L
- Max. operating pressure 3 bar
- Sturdy plastic container
- Plastic spray lance with flat jet nozzle with 110° spraying angle
- Set of felt washer cartridges (adjustable degree of foaming)
- Powerful pressure pump
- Spiral hose (length 2.5 m)
- Pressure reducer incl. pressure gauge at quick-acting valve
- Safety relief valve
- Bottom ring for a safe stand
- Transparent container
- Portable on shoulder
- Integrated connection for an external compressor using a tire valve
- CE marking



## TOP FOAM AUTO-SHAMPOO

Art no.: 001160.0000

- Powerful and fast-acting concentrate
- Special shampoo for car cleaning
- EXTRA high degree of foaming
- Dosage approx. 15 - 20 ml to 1 L water







# HIGH-PERFORMANCE SPRAYERS



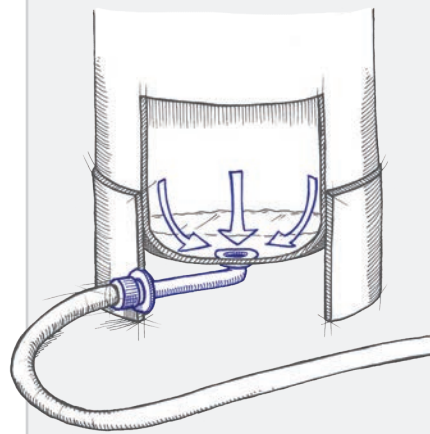
# HIGH-PERFORMANCE SPRAYERS MADE OF STAINLESS STEEL

Made in  
Germany

The GLORIA high-performance sprayers made of rustproof stainless steel offer an extensive equipment, safe handling and maximum comfort. In combination with suitable extension lances, a spray height of up to 6 metres can be reached. The sprayers are therefore ideal for disinfecting and cleaning buildings or stables. They come with Viton® seals and are particularly resistant to oil-containing and aggressive spraying and cleaning agents and extreme temperatures.

Easy to clean, durable and robust – the stainless steel sprayers are characterized by their high resistance to impact loading, wear and corrosion. Due to these qualities, the Profiline sprayers meet the highest standards. To protect the container material against corrosion, the high-performance sprayers made of stainless steel have a premium interior coating of plastic. Thereby contact of aggressive agents with the container is avoided and cleaning after use becomes easy. It goes without saying that all products of the GLORIA Profiline range are TÜV and GS approved. This is proof of the safety during use and smooth operation for a long time.

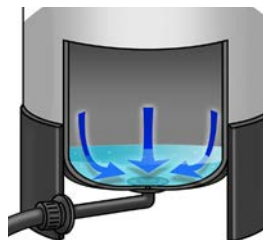
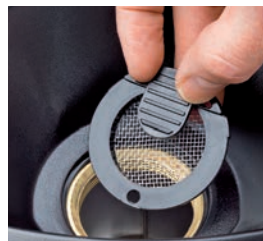
## QUALITY IN DETAIL



Residual drainage  
Thanks to container  
bottom the medium  
applied is used up down  
to the last drop - there  
is no rest in the  
container.  
All high-performance  
sprayers

## STAINLESS STEEL SPRAYER FOR CLEANING AND DISINFECTION

TOP  
PRODUCT



### 510 TK PROFILINE

Art no.: 000512.2700

- Stainless steel high-performance sprayer
- Material of seals: Viton®
- Oil-proof version
- Filling capacity 10.0 L / Total capacity 13.7 L
- Max. operating pressure 6 bar
- Brass spray lance (length 0.5 m)
- Flat jet nozzle type 8004 E, 80° spraying angle
- Hose (length 1.35 m)
- Pressure gauge
- Ventilating valve with integrated safety relief valve
- Residual drainage
- Bottom ring for a safe stand
- With additional filter: prevents the nozzle from clogging
- Integrated compressor connection
- TÜV and GS tested (approved safety)
- Carrying strap incl. shoulder pad, portable on shoulder

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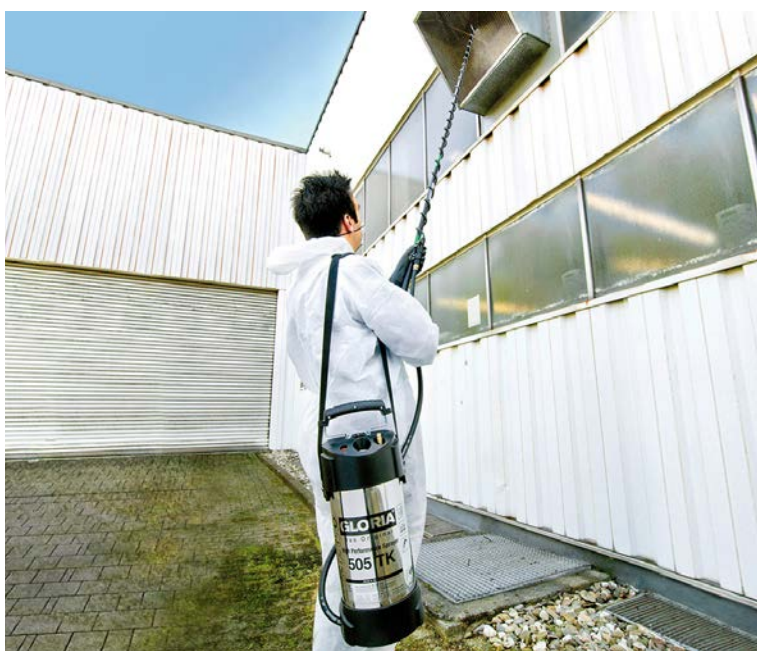


## 505 T PROFILINE

Art no.: 000506.0000

- Stainless steel sprayer for applying disinfectants and cleaning agents
- Material of seals: Viton®
- Oil-proof version

- Filling capacity 5.0 L / Total capacity 8.0 L
- Max. operating pressure 6 bar
- Brass spray lance (length 0.5 m)
- Flat jet nozzle type 8004 E, 80° spraying angle
- Hose (length 1.35 m)
- Pressure gauge
- Ventilating valve with integrated safety relief valve
- Residual drainage
- Bottom ring for a safe stand
- With additional filter: prevents the nozzle from clogging
- TÜV and GS tested (approved safety)
- Carrying strap incl. shoulder pad, portable on shoulder



## 505 TK PROFILINE

Art no.: 000506.2701

- Stainless steel high-performance sprayer
- Material of seals: Viton®
- Oil-proof version

- Filling capacity 5.0 L / Total capacity 8.0 L
- Max. operating pressure 6 bar
- Brass spray lance (length 0.5 m)
- Flat jet nozzle type 8004 E, 80° spraying angle
- Hose (length 1.35 m)
- Pressure gauge
- Ventilating valve with integrated safety relief valve
- Residual drainage
- Bottom ring for a safe stand
- With additional filter: prevents the nozzle from clogging
- Integrated compressor connection
- TÜV and GS tested (approved safety)
- Carrying strap incl. shoulder pad, portable on shoulder



## 510 T PROFILINE

Art no.: 000512.0000

- Stainless steel sprayer for applying disinfectants and cleaning agents
- Material of seals: Viton®
- Oil-proof version

- Filling capacity 10.0 L / Total capacity 13.7 L
- Max. operating pressure 6 bar
- Brass spray lance (length 0.5 m)
- Flat jet nozzle type 8004 E, 80° spraying angle
- Hose (length 1.35 m)
- Pressure gauge
- Ventilating valve with integrated safety relief valve
- Residual drainage
- Bottom ring for a safe stand
- With additional filter: prevents the nozzle from clogging
- TÜV and GS tested (approved safety)
- Carrying strap incl. shoulder pad, portable on shoulder



# ACCESSORIES AND SPARE PARTS

## SPRAY LANCES, NOZZLES AND MORE



### Spiral hose

Art no.: 727883.0000

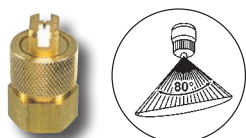
- Suitable for high-performance sprayers
- For flexible and comfortable spraying
- Length 5.0 m



### Universal foam nozzle

Art no.: 728248.0000

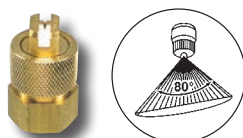
- Suitable for pressure sprayers
- Ideal for disinfecting and cleaning
- Max. operating pressure 3 bar



### Special flat jet nozzle type 8002 E

Art no.: 000111.0000

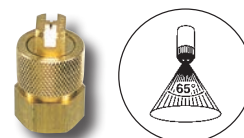
- Surface treatment with consistent spray-width adjustment
- 80° spraying angle
- Flow rate of 0.8 l/min at 3 bar



### Special flat jet nozzle type 8004 E

Art no.: 728258.0000

- Surface treatment with consistent spray-width adjustment
- 80° spraying angle
- Flow rate of 1.58 l/min at 3 bar



### Special flat jet nozzle type 6502 E

Art no.: 728248.0000

- Surface treatment with consistent spray-width adjustment
- 65° spraying angle
- Flow rate of 0.8 l/min at 3 bar



### Brass extension lance type 109

Art no.: 000109.0000

- Suitable for high-performance sprayers
- Inner diameter 9 mm
- Length 0.7 m



### Brass extension lance type 110

Art no.: 000110.0000

- Suitable for high-performance sprayers
- Inner diameter 9 mm
- Length 1.0 m



### Brass extension lance type 124

Art no.: 000124.0000

- Suitable for high-performance sprayers
- Inner diameter 9 mm
- Length 0.5 m



### Brass telescopic extension lance

Art no.: 000131.0000

- Suitable for high-performance sprayers
- Steplessly extractable from 0.5 to 1.0 m



### Brass telescopic extension lance

Art no.: 000132.0000

- Suitable for high-performance sprayers
- Steplessly extractable from 1.0 to 2.0 m



### Spray lance 35 cm

Art no.: 728311.0000

- Suitable for FoamMaster series
- Increases working comfort
- Swiveling spray head



### Marking rings with dosing aid

Art no.: 728341.0000

- Suitable for CleanMaster CM 12, Performance PF 12 and FoamMaster FM 10
- Set of 4 colours



### Marking rings with dosing aid

Art no.: 728339.0000

- Suitable for CleanMaster CM 05 and Extreme EX 05
- Set of 4 colours



### Marking rings with dosing aid

Art no.: 728340.0000

- Suitable for CleanMaster CM 10 and Extreme EX 10
- Set of 4 colours



# EXPERTS FOR DIFFERENT FIELDS OF APPLICATION

Product	CleanMaster CM 05/10	CleanMaster Extreme EX 05/10	CleanMaster Extreme EX 100	CleanMaster CM 12/50 und 80	CleanMaster Performance PF 12/50	CleanMaster FOOD F 12	FoamMaster FM 10/10 FLEX/ 30 und 50
container material	Polyethylene	Polyethylene	Polyethylene (spray head made of polyoxymethylene)	Polyethylene	Polyethylene	Polyethylene	Polyethylene
seal material	EPDM	Viton®	Viton® Plus	EPDM	Viton®	VMQ	Viton®
suitable agents	<ul style="list-style-type: none"> <li>• Acidic agents (up to pH-value of 2)</li> <li>• Alkaline agents (up to pH-value of 12)</li> </ul>	<ul style="list-style-type: none"> <li>• Acidic agents (up to pH-value of 4)</li> <li>• Alkaline agents (up to pH-value of 11)</li> <li>• Oil / oil-containing agents</li> <li>• Agents with a degreasing effect</li> </ul>	<ul style="list-style-type: none"> <li>• Acidic agents (up to pH-value of 4)</li> <li>• Alkaline agents (up to pH-value of 11)</li> <li>• Oil / oil-containing agents</li> <li>• Petrol / benzol</li> <li>• Alcohol</li> <li>• Solvent-containing agents (hydrocarbons)</li> </ul>	<ul style="list-style-type: none"> <li>• Acidic agents (up to pH-value of 2)</li> <li>• Alkaline agents (up to pH-value of 12)</li> </ul>	<ul style="list-style-type: none"> <li>• Acidic agents (up to pH-value of 2) – wider coverage of agents than CM product range</li> <li>• Alkaline agents (up to pH-value of 9)</li> <li>• Oil / oil-containing agents</li> </ul>	<b>For use in food-processing industry</b> <ul style="list-style-type: none"> <li>• Citric acid</li> <li>• Hydrochloric acid up to 3%</li> <li>• Sulphuric acid up to 10%</li> <li>• Nitric acid up to 7%</li> <li>• Acetic acid</li> <li>• Ammonia up to 10%</li> <li>• Caustic soda up to 50%</li> <li>• Sodium chloride solution up to 10%</li> <li>• Dishwashing liquid</li> <li>• Oil / oil-containing agents</li> </ul>	<ul style="list-style-type: none"> <li>• Only for foam-visual media appropriate</li> <li>• Alkaline agents (pH value from 5-10)</li> </ul>

Spraying liquids are a mixture of different agents whose detailed composition is only known to the manufacturer of the mixture. In addition, different external conditions (ambient temperature, working temperature of the agent, operating pressure) have an influence on the resistance of the materials. Prior to the application, the user therefore has to test in consultation with the manufacturer whether the liquid is suitable for the sprayer. The above mentioned specifications are only an indication. We are happy to test the compatibility of the agent used with our sprayers. Only then can we guarantee proper functioning in the long term.

## Resistance of GLORIA sprayers depending on the pH-value

The pH-value is an indicator of how acid or basic a solution is. It specifies how many hydrogen ions it consists of. The lower the pH-value, the more acid the solution. The pH scale ranges from 0 (= very acid) to 14 (= very alkaline). Solutions with a pH-value of 7 are neither acid nor basic, they are considered to be neutral. GLORIA offers an extensive coverage of the pH scale.

For the pH-values of 2 to 12, we offer suitable sprayers which are ideal for the acid or alkaline agent you are using.



# GLORIA ONLINE

## WEBSITE & SPARE PARTS SHOP



## WEBSITE



The GLORIA website is gleaming in new splendour and is very helpful when looking for the product that suits your needs: technical details, clear product comparisons as well as useful filtering functions take you to the desired GLORIA sprayer in no time at all.

Just throw a glance at it.



[www.industrial-sprayers.com](http://www.industrial-sprayers.com)

# GLORIA SPARE PARTS SHOP

The GLORIA product range is based on the highest levels of quality and technique. If nevertheless something gets broken, we offer a 10-year guarantee for spare parts availability for all the products in our range. Throw a glance at our spare parts shop where you will find the parts you need:



[www.shop.gloria-garten.de](http://www.shop.gloria-garten.de)



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