




Operating Manual  EN

Cartridge sleeve for cartridge EURO 1/10 Gallon

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1 General information

Dear customer,

Thank you for choosing our cartridge sleeve for EURO Cartridge. To ensure proper operation, please carefully read the following pages for correct operating and maintenance instructions. Keep these instructions handy for future reference.

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If you require further information or if you have any questions please contact us directly at

Phone: +49 8166 6784 -0

Email: info@dosieren.de

1.1 The Cartridge sleeve for cartridge EURO 1/10 Gallon

This device is designed to hold a Euro cartridge with the liquid to be dispensed.

To promote this, an overpressure must be applied. By an safety valve the limit of 7bar (0.7MPa) is guaranteed. The handling is very easy due to the construction.

1.2 Intended Use

Delivery of the liquid to be dispensed by an dispensing valve via a product tube by usage of overpressure.

Only compressed air or nitrogen as the gas for delivery are allowed! Dedicated cartridge is Euro cartridge, 310ml / 1/10 Gallon, external thread as our product 507412 (TS-110C-R).

Please use proper fixture to keep cartridge sleeve in fixed position to have no torque at fitting.

1.3 Scope of delivery

Here for part number 504250 (990269-B)

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User Manual



Cartridge sleeve
(Item no. 504250)



O-Ring set (5pcs)
(Item no. 504243)

2 Safety Instruction



If this device is used for purposes other than those described in this operating manual, personal injury or damage to property may result.



Only use the device in accordance with the enclosed instructions.

Never exceed the permissible operating pressure.

Use only compressed air or nitrogen gas!

Never lay compressed air hoses near busy areas, sharp edges, moving parts or hot surfaces.

2.2 Danger from toxic liquids and vapours



Toxic liquids or vapors can cause serious or fatal injury if they come in contact with eyes or skin, if swallowed or inhaled.



Refer to the Material Safety Data Sheet (MSDS) for information about the specific hazards of the fluid to be used.

Observe prescribed or recommended safety measures. Store hazardous liquids only in designated containers and dispose of liquids properly.

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2.3 Fire and Explosion Hazards



Solvents and vapors in the work area may explode or ignite. The risk of fires and explosions can be reduced.



Eliminate possible ignition sources, such as permanent flames, cigarettes and plastic films (danger of sparks from static electricity).

Avoid sparks, e.g. caused by plugging and unplugging power cables or operating light switches when flammable vapours are present.

Keep the work area free of waste, including solvents, cleaning cloths and gasoline.

2.4 Protective equipment



If you operate the cartridge sleeve with toxic or hot liquids or with high supply, wear appropriate protective clothing. This protective clothing should protect you from serious injuries, such as eye injuries, inhalation of toxic vapors, hearing loss or burns.

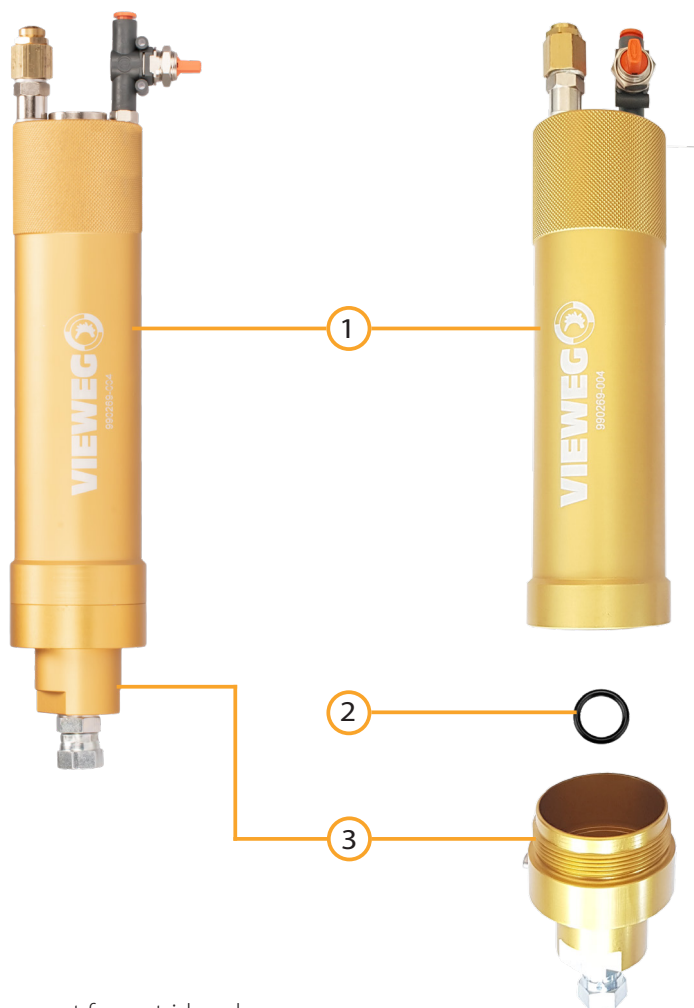


The following protective devices may be necessary:

- Safety goggles
- Gloves
- Hearing protection
- Protective clothing and breathing protection according to the recommendations of the material and solvent manufacturers
- Suction

3 About the cartridge sleeve

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- 1 Upper part for cartridge sleeve
(including shut-off valve, safety valve,
and blind plug)
- 2 O-ring
- 3 Lower part for cartridge sleeve
(including fitting 1/4")

4 Operation

Ensure pressure supply is shut-off and no pressure is captured inside the cartridge sleeve!

Connect fluid tube to outlet fitting of cartridge sleeve (not shown in pictures).

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- Open cartridge sleeve by unscrewing upper and lower part
- Pull O-ring over the external thread of the Euro cartridge down to the bottom
- Cut off outlet to allow material flow later
- Screw Euro cartridge into thread of lower part until O-ring is compressed smoothly for sealing.
- Put upper part on assembled Euro cartridge and close hand tight

Steps of operation:

1.



2.



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3.



4.



- Check if shut-off valve is closed before connecting air hose
- Check if fluid tube/fitting combination is connected to fitting at cartridge sleeve and dispensing valve properly
- Open shut-off valve to apply fluid pressure to Euro cartridge to supply fluid to dispensing valve
- Open dispensing valve to remove compressed air in hose until fluid flows without any voids or air bubbles. Close dispensing valve.

5 Maintenance and cleaning

The device itself is free of maintaining.

Never the less, we recommend to check condition of O-ring to ensure the sleeve is sealing properly. In case of fluid pollution inside of the cartridge sleeve, please use proper cleaning solvent which do not harm anodizes aluminium.

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Check safety valve frequently according pollution and replace in case of need.

Available spare parts you find on our web page:
www.dosieren.de/en/

6 Accessories

You find accessories like level sensor or assembly fixture on our web page:
www.dosieren.de/en/

7 Disposal



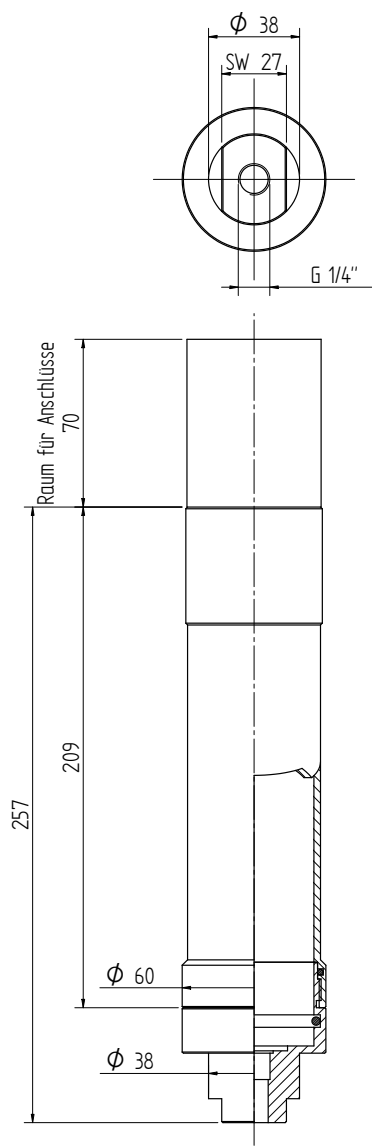
At the end of its service life, dispose of the controller in accordance with the applicable local regulations.

8 Technical Data

Shipping weight	0.75 kg
Weight	588 g
Size	310 cc
Color	gold
Material	aluminium
Outlet	1/4"
Dispense pressure range	up to 7 bar
Fluid pressure (max.)	7 bar

9 Technical Drawings

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