

Abfüllgeräte | Probenehmer | Laborbedarf  
für Labor, Industrie und Wissenschaft

Filling Machines | Sampling | Plastic Labware  
for Laboratory, Industry, Science



# Mini solvent pump

reliable filling  
of small quantities



# Mini solvent pump

The Mini solvent pump is a high-quality hand pump for small containers such as bottles, canisters and tanks up to about 5 litres. For reliable filling and dosing of solvents and readily flammable liquids.

## Simple principle – highly effective

The hand pump works according to the excess pressure principle. An excess pressure is built up in the container with the pump ball, forcing the liquid outward. In this way only the hose, pumping tube and discharge come in contact with the liquid being filled.

To ensure safety, a pressure relief valve protects the solvent pump against excessive pressure build-up, for example due to sunshine.



## High-quality materials

All parts of this hand pump in contact with medium are manufactured from high-quality and inert materials PTFE and stainless steel (1.4301, 1.4404), which feature excellent chemical resistance. The Mini solvent pump is therefore especially well suited for use with high-purity liquids and readily flammable media such as acetone, isopropanol, ethanol and methanol, etc.

- ▶ Ideal for 1-5 l containers
- ▶ Connecting thread GL 45
- ▶ Adapter available as accessory for S 40, GL 38 and GL 32
- ▶ Parts in contact with medium made of PTFE and stainless steel (1.4301, 1.4404)
- ▶ PTFE hose (6x8 mm) 0.4 m
- ▶ Including grounding cable 2 m

## Filling in hazardous zones

The grounding cable included with delivery can easily be connected to the solvent pump with a bunch plug, thus diverting electrostatic charges so that flammable media can be filled safely.

## Flexible applications

The solvent pump allows for filling from a wide range of container sizes. The flexible PTFE hose that conveys liquid out of the container can be shortened to any length. This ensures ideal residual draining, even from bottles and



canisters with a vaulted bottom.

The hand pump has a GL 45 standard connecting thread. With the appropriate thread adapters (accessories), however, it can easily be adapted to containers with thread sizes S 40, GL 38 or GL 32.



### Precise removal of liquids

The self-closing discharge (with auto-stop function) of the Mini solvent pump ensures absolutely precise filling with no dripping at all. Dosing is even easy in very small containers such as test tubes, which present no problems. A hose (internal Ø 6 mm) can optionally be fastened onto the discharge spout, thus making it possible to fill the container from a greater distance.

The Mini solvent pump is especially compact and very well balanced, which makes it possible to fill without tipping, even from very small containers.

Thanks to its sturdy design and high-quality materials, the Mini solvent pump consistently ensures neat and reliable filling throughout its long service life, easily and conveniently.



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### Mini solvent pump

Material	Pump capacity approx. l/min	Connector thread	Item no.
Stainless steel/PTFE	1,8	GL 45	5603-4000 N4

### Thread adapter

Material	Connector thread	Item no.
PTFE	GL45/S 40	0006-4000 N4
ETFE	GL45/GL38	0006-4002 N4
ETFE	GL45/GL32	0006-4003 N4



Thread adapter (accessories)

