

Flow meters



Compact electronic flow counter for electrical barrel and container pumps. For thin fluid media.

- ▶ Measuring according to the turbine wheel principle
- ▶ Counter can be calibrated depending on the medium
- ▶ Different versions for many different applications
- ▶ Automatic switch-on when flow is recognised
- ▶ Measuring accuracy $\pm 1\%$, easy recalibration
- ▶ Two 1.5 V batteries (AAA), exchangeable
- ▶ For use up to max. 10 bar (20 °C)
- ▶ Range of viscosity 0,8 – 40 mPas
- ▶ Temperature -10 °C up to +50 °C

Flow meter

Material	Model	Measuring range l/min	Connector thread	Item no.
PP, Hastelloy C22, PTFE	for fuel oil, diesel, sod. hydroxide, etc.	5 - 120	G 1 1/4"	5700-0121 N2
PP, Hastelloy C22, PTFE	for fuel oil, diesel, sod. hydroxide, etc.	5 - 120	G 1"	5700-0111 N2
PVDF, Hastelloy C22, PTFE	for highly aggressive liquids like chlorine bleaches, nitric acid, sulfuric acid, etc.	5 - 120	G 1 1/4"	5700-0141 N2

Double-diaphragm pump 1/4"



Air-operated double diaphragm pump for pumping viscous, corrosive and abrasive liquids. The plastic double diaphragm pump is suitable for pumping small quantities, in the laboratory and for occasional filling. Suction and discharge connections are 1/4" internal. Solid particles up to 3 mm \varnothing can be pumped. Housing, diaphragms, valve balls and seals are available in different materials. Required air pressure at start-up min. 2 bar, operating air pressure max. 8 bar.

- ▶ High hydraulic performance
- ▶ Maintenance-optimised design and simple installation
- ▶ Blockage-free operation
- ▶ Absolutely oil-free
- ▶ Self-priming (even in dry condition)

Double diaphragm pump 1/4"

Material	Pump capacity approx. l/min	Pumping height water column m	Item no.
Diaphragms/valve balls/seals: NBR, valve seat/housing: PP	52	4	5765-0001 N2
Diaphragms: TPC-ET + TFM (PTFE), valve balls/seals: PTFE, valve seat/housing: PP	52	4	5765-0002 N2
Diaphragms: TPV (EPDM-PP), valve balls/seals: EPDM, valve seat/housing: PP	52	4	5765-0003 N2
Diaphragms: TPV (EPDM-PP) + TFM (PTFE), valve balls/seals: PTFE, valve seat/housing: PVDF	52	4	5765-0004 N2

burkle



Magnetic centrifugal pumps



The magnetic centrifugal pumps are suitable for transferring acids, alkalis, alkaline and electroplating baths, photography chemicals as well as radioactive, sterile and highly corrosive liquids. The drive, via contact-free magnetic force transfer, requires no dynamic shaft seals and this makes a hermetically sealed pump housing possible, which means that it cannot leak.

- ▶ Seal-less
- ▶ Surrounding temperature max. 45 °C
- ▶ Operating temperature max. 60 °C
- ▶ Viscosity max. 20 mPas

Magnetic centrifugal pump 15 Watts, motor 230 V, material PP (reinforced with fibre glass), stainless steel (shaft), Rulon (bearing), FKM (seal).

- ▶ Pump capacity 1 to 12 l/min, delivery height up to 2 m
- ▶ Without thread, hose nozzle 14 mm

Magnetic centrifugal pump 29 Watts, motor 230 V, material PP (fibre glass reinforced), stainless steel, Rulon (bearing), FKM (seal), ceramics (shaft).

- ▶ Pump capacity 1 to 24 l/min, delivery pump height up to 3 m
- ▶ Suction connection / pressure connection G 3/4" outer thread (BSP)

Magnetic centrifugal pump

Model	Item no.
① 15 Watt, no thread connection, with tubing nozzle	5766-0001 N2
② 29 Watt, with R 3/4" outer thread	5766-0002 N2

AirJet Mini membrane vacuum pump



The AirJet Mini single-head membrane vacuum pump is suitable for a variety of applications in the laboratory and industry. The dry running membrane vacuum pump is able to pump, compact and evacuate 100 % oil-free, which means it does not distort results or add impurities, and can also be used as a compressor. The AirJet Mini is used to pump and evacuate air and neutral or slightly aggressive or corrosive gases and vapours.

- ▶ Weight 1.9 kg, dimensions LxWxH 164/90/141 mm
- ▶ Hose connection ID 4 mm
- ▶ Maintenance-free, environmentally friendly
- ▶ High level of gas tightness
- ▶ Very quiet with low vibrations

⚠ Attention! Make sure to pay attention to the "List of Chemical Resistance"!

① AirJet Mini membrane vacuum pump/compressor

Model	Pump capacity approx. l/min	Vacuum mbar	Pressure max. bar	Item no.
Membrane made of EPDM	6	100	2.4	5625-2000 N2
Membrane made of PTFE	5.5	160	2.5	5625-2001 N2

④ Accessories

Description	Item no.
② AirJet Mini fine regulation head	5625-2002 N2
③ AirJet Mini sound absorber	5625-2003 N2