

Large cartridge



Large cartridge

Large cartridge, compatible with Semco®



Large cartridge and pressure container	Page 03
Bayonet cap for pressure vessel	Page 04
Accessories: Adapter und O-ring	Page 06
Accessories: Pistons and Caps	Page 07
Empty signal and assembly	Page 08

Cartridge 310 cc



Cartridge 310 cc and pressure container	Page 09
Accessories: Adapter and O-ring	Page 10
Accessories: Pistons and Caps	Page 11
Empty signal and assembly	Page 12

Accessories	Page 13
--------------------	---------

Large cartridge and pressure container

compatible with Semco®



Large cartridge (black for UV applications)

Article number	size cc	colour	material
BG3002000	75	transparent	HDPE
BG3002001	180	transparent	HDPE
BG3002028	240	transparent	HDPE
BG3002002	360	transparent	HDPE
BG3002004	75	black	HDPE
BG3002005	180	black	HDPE
BG3002006	360	black	HDPE

Other sizes are available on request.



Pressure container for large cartridges

Article number	size cc	colour	material
BG3002008	75	black	metal
BG3002009	180	black	metal
BG3002030	240	black	metal
BG3002010	360	black	metal

Other sizes are available on request.



Pressure container for large cartridges
 incl. mounting possibility of an **empty signal**

Article number	size cc	colour	material
BG3002023	180	black	metal
BG3002024	240	black	metal
BG3002025	360	black	metal

Other sizes are available on request.

Bayonet cap for pressure vessel

Size 600 cc



Bayonet adapter for pressure vessel

Article number	size cc
BG3002034	600

Bayonet cap for pressure vessel

Size 75 cc – 360 cc

Article no. description

BG3002026 compatible to Semco©
 Article is delivered without screw connection



BG3002031 compatible to EFD cartridge
 – For a beaded rim <48mm
 Article is delivered without screw connection and pressure adapter

BG3000784 compatible with Semco©
 with flat seal
 – Recommended for disposable applications only,
 as the beaded rim is subject to high loads.



BG3000857 compatible to Semco©
 with internal sealed geometry
 – Push-in fitting for 6/4 mm pneumatic hose
 – Optimized closure system for one-way and reusable applications.
 Scope of delivery: Adapter, ME3251000 / O-ring, BG3000819



BG3002032 compatible to EFD cartridge
 with internal sealed geometry
 – For a beaded rim <48mm
 – Push-in fitting for 6/4 mm pneumatic hose
 – Optimized closure system for disposable and reusable applications.
 Scope of delivery: Adapter, ME3251000 / O-ring, BG3000819

Other sizes are available on request.

Accessories

Adapter und o-ring

Adapter for large cartridge INOX, inlet / outlet



Article number

described

ME3251000

Adapter for large cartridge G1/4", with internal thread: G1/8"
 (O-ring: BG3000819, BG3000820, BG3000656)



Adapter for large cartridge INOX, exposed version



Article number

described

ME3251001

Adapter for large cartridge G1/4", with internal thread: G1/8"
 (O-ring: BG3000820, BG3000656)



O-ring:



Article number	size mm	colour	material
BG3000819	34,00 x 4,0	black	FKM
BG3000820	14.00 x 2.5	black	FKM
BG3000656	13.00 x 2.5	black	NBR
BG3000759	38.00 x 3.0	black	EPDM

Accessories

Pistons and Caps



Piston for large cartridges

Article number	size cc	colour	material
BG3002011	75 - 360	transparent	PE
BG3002012	75 - 360	black	PE



Top cap for large cartridges top

Article number	size cc	colour	material
BG3002014	75 - 360	red	LDPE



Screw plug for cartridges

Article number	size	colour	material
BG3002021	1/4"	red	PE



Handle for pressure container compatible with SEMCO

Article number	described
BG3001256	- clamping function of the cartridge container by rotating the handle - designed for using a finger switch 30 / 55 cc (sold separately)

Large cartridge

Empty signal and assembly



Empty signal:

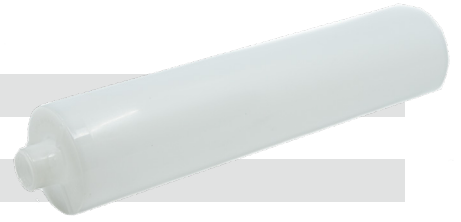
Article number	described
BG3000219	Empty signal for large cartridges 180 - 360 cc
BG100131	Sensor connection cable M12, open cable ends, 4p



Assembly:

Article number	described
BG3200027	Clamping Semco cartridge sleeve 75 - 360 cc

Cartridge 310 cc and pressure container



Cartridge 310 cc, open bottom, female thread 1/4" NPT

Article number	size cc	colour	material
BG3002016	310	transparent	PP



Cartridge 310 cc, bottom closed to cut open, external thread

Article number	size cc	colour	material
BG3002017	310	white	PE



Pneumatic telescopic pistons Pressing out

Article number	described
BG3000622	Cartridge sleeve aluminium for 310ml cartridges with telescopic piston

Attention:

- H Sigrist & Partner AG cannot guarantee the tightness of the Euro cartridges!
- If the cartridge needs to be stabilised, this can be done using spacer foil (A4 format). The film thickness depends on the exact type of cartridge. Due to the large variety of 310ml cartridges, this can be done, if necessary, by the customer.

Accessories

Adapter and O-ring



Adapter for Euro cartridge with internal thread G1/4"

Article number	described	material
BG3600033	insert variant	INOX
BG3600034	clamp variant	INOX



BG3600035	without collar	INOX
BG3600036	metric	INOX

O-ring



Article number	colour	material
BG3000820	black	FKM
BG3000656	black	NBR

Accessories

Pistons and Caps



Piston for cartridge 310 cc, stable version with oversize

Article number	size cc	colour	material
BG3002018	310	weiss	PE



Piston for cartridge 310 cc

Article number	size cc	colour	material
BG3002019	310	transparent	PE

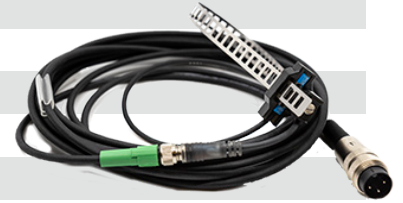
Cap for cartridge bottom



Article number	size cc	colour
BG3002027	310	transparent

Cartridge 310 cc

Empty signal and assembly



Empty signal for cartridge sleeve

Article number	described
BG3002029	Empty signal for cartridge sleeve with telescopic piston - Ready-made connection cable (5 m, suitable for drag chain)



Assembly:

Article number	described
BG3200018	Clamping telescopic cartridge sleeve

Accessories



Article number	described	material
BG3800006	Cartridge venting tool	INOX coated with PTFE