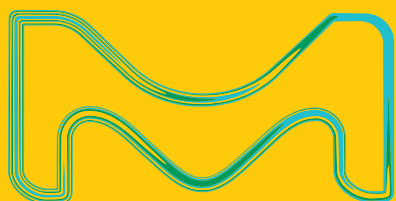


# HIGHER VOLUMES. SMART WITHDRAWALS.

Solvent Management  
Solutions for Solvents  
in Returnable Barrels



# Barrels – high quality return system

## Maximizing Efficiency and Safety with Our Solvents in Returnable Barrels in Your Laboratory

We apply our demanding quality and safety standards not only to our reagents themselves, but also to the containers we supply them in. That's why we continuously develop and improve packaging and tailor-made solvent withdrawal systems that meet the requirements of our customers.

Solvent management solutions from Merck help to improve your materials management, to minimize **the environmental impact** of packaging waste and **health risks for your employees**, and to implement **more cost-effective disposal processes**.

With perfectly matched components – chemicals, packaging, safety tools, and withdrawal systems – you'll benefit from safe, convenient, and contamination-free work even during highly sensitive applications.

### Is your solvent consumption higher than 100 l/year?

Try our solvents in returnable  
barrels and benefit daily from  
all advantages!

### Your benefits:

- Maximum user safety
  - Easy and contamination-free solvent handling
  - Application oriented solutions and individual installations
  - Sustainable solution - ecological and economical benefits
  - **Tailor-made offers for solvents + withdrawal systems**
- Contact us!**



# Withdrawal systems for stainless steel returnable barrels





## Manual pressure build-up

- Safe, easy and convenient solvent handling
- Tested high performance materials to avoid any contamination caused by the system components
- High flexibility due to independence on gas supply





**Accessories**


Opening key (2" / 3/4")  
[1.08803.0001] 


Antistatic set (3 cables)  
[1.07070.0001] 

**Spare parts**

Dip tube for 10 L barrels  
[9.67100.1011] 

Dip tube for 30 L barrels  
[9.67100.1029] 

Hand pump ball  
[9.67114.0000] 

Hand pump ball with quick connector [9.67100.1079] 

**System at a glance**

<b>Order number</b>	<b>1.01123.0001</b>
<b>Suitability</b>	10 L and 30 L stainless steel barrels
<b>Operation mode</b>	Manual pressure build-up by pump ball
<b>Set components</b>	Withdrawal system body with 2" clamp, hand pump ball with rapid-action connector, 10 L dip tube, 30 L dip tube. Please complete the set by adding the appropriate dip tube for your solvents container.



## Pressurizing with inert gas

- Safe, easy and convenient solvent handling
- Tested high performance materials to avoid any contamination caused by the system components
- Cost effective solution due to economic concept of returnable container handling
- Construction of a central supply system, direct connection to instruments or individual installations as options



Two different **quick connectors** for avoiding mismatch of gas and product. Horizontal connections available to reduce system height to a minimum. [9.67100.9003]

**Self-locking tear-off connectors** for quick connection and disconnection

**Safety hook** to avoid unintended solvent supply (push safety hook first to unblock the supply handle)

**Spiral gas feeding tube** [9.67100.9051]

**Filling nozzle with stainless steel coated PTFE tube** [9.67100.9090]

**Integrated swivel joint** to avoid tube tensions

### Necessary complete products

Dip tube for 10 L barrels  
[9.67100.1040]



Dip tube for 30 L barrels  
[9.67100.1041]



Dip tube for 185 L barrels  
[9.67100.1185]



### Accessories

Opening key (2" / 3/4")  
[1.08803.0001]



Antistatic set (3 cables)  
[1.07070.0001]



Reducing valve, 0.2 bar  
[9.67100.9100]



Pressure safety device, 0.5 bar  
[9.67100.9004]



Stainless steel clamp for filling nozzle,  
wall attachment [9.67107.0001]



### Spare parts (as shown in picture)

Filling nozzle with stainless steel coated, flexible PTFE tube (80 cm) [9.67100.9090]

Gas feeding tube [9.67100.9051]

Threaded adapter with horizontal connections  
[9.67100.9003]

Threaded adapter with vertical connections  
[9.67100.9002]

### System at a glance

<b>Order number</b>	<b>1.06710.0001</b>
<b>Suitability</b>	10 L, 25 L and 190 L stainless steel drums 10 L, 30 L and 185 L stainless steel barrels
<b>Operation mode</b>	Pressurizing with inert gas (house gas / gas bottle)
<b>Set components</b>	Filling nozzle with stainless steel coated, flexible PTFE tube, 80 cm [9.67100.9090], gas feeding tube [9.67100.9051], threaded adapter with vertical connections [9.67100.9002]

## Solvents in returnable barrels

Cat. No.	Product name	Volume
1000129030	Acetone for gas chromatography ECD and FID SupraSolv®	30 L
1000209010	Acetone for liquid chromatography LiChrosolv®	10 L
1000209030	Acetone for liquid chromatography LiChrosolv®	30 L
1000299010	Acetonitrile hypergrade for LC-MS LiChrosolv®	10 L
1000299030	Acetonitrile hypergrade for LC-MS LiChrosolv®	30 L
1000299185	Acetonitrile hypergrade for LC-MS LiChrosolv®	185 L
1000309010	Acetonitrile gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	10 L
1000309030	Acetonitrile gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	30 L
1000309185	Acetonitrile gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	185 L
1010409030	2-Popanol gradient grade for liquid chromatography LiChrosolv®	30 L
1017729010	Petroleum benzine boiling range 40-60&deg;C for gas chromatography ECD and FID SupraSolv®	10 L
1028279030	Cyclohexane for liquid chromatography LiChrosolv®	30 L
1029319033	Dimethyl sulfoxide for DNA and peptide synthesis (max. 0.025% H2O)	30 L
1043699010	n-Hexane for organic trace analysis UniSolv®	10 L
1043719030	n-Hexane for gas chromatography ECD and FID SupraSolv®	30 L
1043909010	n-Heptane for liquid chromatography LiChrosolv®	10 L
1043909030	n-Heptane for liquid chromatography LiChrosolv®	30 L
1043919030	n-Hexane for liquid chromatography LiChrosolv®	30 L
1060079010	Methanol gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	10 L
1060079030	Methanol gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	30 L
1060079185	Methanol gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur	185 L
1060189010	Methanol for liquid chromatography LiChrosolv®	10 L
1060189030	Methanol for liquid chromatography LiChrosolv®	30 L
1060189185	Methanol for liquid chromatography LiChrosolv®	185 L
1060449010	Dichloromethane for liquid chromatography LiChrosolv®	10 L
1060449030	Dichloromethane for liquid chromatography LiChrosolv®	30 L
1081019010	Tetrahydrofuran for liquid chromatography LiChrosolv®	10 L
1081019030	Tetrahydrofuran for liquid chromatography LiChrosolv®	30 L
1117279030	Ethanol gradient grade for liquid chromatography LiChrosolv®	30 L
1117279185	Ethanol gradient grade for liquid chromatography LiChrosolv®	185 L
1133519030	Methanol for preparative chromatography Prepsolv®	30 L
1133519185	Methanol for preparative chromatography Prepsolv®	185 L
1133539030	Ethyl acetate for preparative chromatography Prepsolv®	30 L
1133589030	Acetonitrile for preparative chromatography Prepsolv®	30 L
1133589185	Acetonitrile for preparative chromatography Prepsolv®	185 L
1142919010	Acetonitrile isocratic grade for liquid chromatography LiChrosolv®	10 L
1142919030	Acetonitrile isocratic grade for liquid chromatography LiChrosolv®	30 L
1142919185	Acetonitrile isocratic grade for liquid chromatography LiChrosolv®	185 L
1153339010	Water for chromatography (LC-MS Grade) LiChrosolv®	10 L
1153339030	Water for chromatography (LC-MS Grade) LiChrosolv®	30 L
4801129030	Water with 0.1% (v:v) trifluoroacetic acid for liquid chromatography LiChrosolv®	30 L
4804489030	Acetonitrile with 0.1% (v:v) trifluoroacetic acid for liquid chromatography LiChrosolv®	30 L

# Supelco®

Analytical Products

Merck KGaA  
Frankfurter Strasse 250  
64293 Darmstadt, Germany

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Merck Life Science spol. s r.o. Na Hřebenech II 1718/10  
140 00 Praha 4, Czech Republic czeorders@merckgroup.com  
(+420) 272 084 272

Merck Life Science spol. s r.o. Dvořákovo nábrežie 4  
810 06 Bratislava, Slovakia svkorders@merckgroup.com  
(+421) 255 571 562

Merck Life Science Kft.  
Október huszonharmadika utca 6-10. 1117 Budapest, Hungary  
rendeles@merckgroup.com  
(+36) 1 463-8100

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