

## Super Clean Cartridge Filters

Replace easily without tools

- 99.9999% pure gas (or 6.0 grade) output
- No carrier gas line contamination during cartridge change
- Cost effective
- TUEV approved
- Max. pressure 11 bar (160 psi)
- Max. flow 7L/min



### Super Clean Cartridge Filters

Type	Base Included	Cat. No.	Quantity
Indicating Moisture Cartridge Filter	No	<b>60180-819</b>	1 Each
Indicating Oxygen Cartridge Filter	No	<b>60180-820</b>	1 Each
Hydrocarbon Cartridge Filter	No	<b>60180-821</b>	1 Each
Indicating Combi Filter – Moisture, Hydrocarbons	No	<b>60180-826</b>	1 Each
Indicating Triple Filter – Moisture, Oxygen, Hydrocarbons	No	<b>60180-824</b>	1 Each
Indicating Triple Filter – Moisture, Oxygen, Hydrocarbons – He preconditioned for GC-MS	No	<b>60180-825</b>	1 Each
Triple Filter – Moisture, Oxygen, Hydrocarbons – He preconditioned for GC-MS	Yes	<b>60180-830</b>	1 Each
Indicating Triple Filter – Moisture, Oxygen, Hydrocarbons – He preconditioned for GC-MS	Yes	<b>60180-829</b>	1 Each
3 Cartridge Pack – contains 1 x Triple Filter and 2 x Combi Filter (Moisture, Hydrocarbons)	No	<b>60180-822</b>	1 Each
4 Cartridge Pack – contains 1 x Moisture Filter, 1 x O <sub>2</sub> Filter and 2 x Hydrocarbon Filter	Yes	<b>60180-827</b>	1 Each
3 Cartridge Pack – contains 1 x Triple Filter and 2 x Combi Filter (Moisture, Hydrocarbons)	Yes	<b>60180-828</b>	1 Each
High Flow Pack of 2 x Hydrocarbon Filters for LC-MS – no Indicator	No	<b>60180-839</b>	1 Each
High Flow Pack of 2 x Moisture Filters for LC-MS – with Indicator	No	<b>60180-841</b>	1 Each

## Super Clean Cartridge Filter Baseplates

One-time installation procedure

- Can be configured to the individual user requirements
- Needle valves ensure gas line is not contaminated during cartridge change

*Filters are not included*



Type	For Use With	For Gas
Single Base	Triple Filter	Carrier Gas Only
Dual Base	2 x Combi Filter	Air and Fuel Gas
Triple Base	Triple and 2 x Combi Filter	Carrier, Make-Up, and Fuel Gas
Four-position Base	Moisture, Oxygen, 2 x Hydrocarbon	High Capacity Carrier, Fuel, Make Up
Two-position, High-flow Base	N <sub>2</sub> in LC/MS, H <sub>2</sub> O in H <sub>2</sub> /air generators	Carrier, Make Up and Fuel

### Super Clean Cartridge Filter Baseplates

Type	Cat. No.	Quantity
Single Base	<b>60180-814</b>	1 Each
Dual Base	<b>60180-815</b>	1 Each
Triple Base	<b>60180-817</b>	1 Each
Four-position Base	<b>60180-818</b>	1 Each
O-rings for Base Plates	<b>60180-837</b>	20 Pack
Flush Cap	<b>60180-838</b>	2 Pack