

Product Information

SGT Click-On Inline Super Clean™ Gas Purifiers

Combi Moisture/Hydrocarbon Trap for Fuel Gas Click-On Connectors



E000937



E000940

Traditional inline gas traps are quite often a source of frustration. Their installation and replacement are troublesome with a risk to overtighten and damage the gas line fittings. During trap exchange, the open gas line is polluted by unpurified air, requiring lengthy and expensive cleaning processes.

Supelco offers the unique state of the art Click-On Inline Super Clean Gas Purifiers by SGT that have none of the troublesome disadvantages mentioned above. These 100% diffusion proof purifiers are made out of glass/metal for purification of carrier and fuel gases for your GC and GC-MS. Purification of hydrocarbons, oxygen and moisture to better than 6.0 gas (99,9999% purity at flow of 2 L/min) quality can be met independent of the input quality of your gas. Click-On Inline Super Clean Gas Purifiers are available with/without visual indicators.

In sharp contrast to traditional traps, installation and replacement of the SGT trap is simple and eliminates the risk of damage to your connections caused by overtightening. Unlike traditional purifiers, the Click-On allows you to replace your purifier without shutting down your entire system.

After initially installing the Click-On (one time only) onto the gas line, the user then just snaps the filter into the connectors, hand tightens and they are up and running within seconds. This process allows change out of the Click-On Inline Super Clean Gas Purifiers without shutting down the entire system. Click-On connectors come in brass or stainless steel, and either 1/8" and 1/4".

SGT Super Clean Click-On Gas Purifier Capacities

Type of Filter:	Gas Quality at Outlet	Max. Pressure	Max. Flow	Usable For	Indicator Color Change	H ₂ O (g)	Capacity O ₂ (mL)	Hydrocarbons (g)	Estim. Life Time
GC – Moisture (non-indicator)	>6.0	11 bar - 160 psi	25 L/min.	Inert Carrier Gas: He * Air * H ₂		15	N.A.	N.A.	>3 years
GC - Oxygen	>6.0	11 bar - 160 psi	25 L/min.	Inert Carrier Gas	From green to gray	N.A.	2000	N.A.	>3 years
GC - Hydrocarbons	>6.0	11 bar - 160 psi	25 L/min.	Inert Carrier Gas: He * Air * H ₂	Special on request	N.A.	N.A.	24 (as n-butane)	>3 years
GC – Combi (moist.+ hydrocarbons)	>6.0	11 bar - 160 psi	25 L/min.	Inert Carrier Gas: He * Air * H ₂	From brown to white	7	N.A.	12 (as n-butane)	>2 years
GC – Triple (moist. + oxygen + hydrocarbons)	>6.0	11 bar - 160 psi	25 L/min.	Inert Carrier Gas	From brown to white/ From green to gray	4	1000	8 (as n-butane)	>2 years

Note: Data is dependent on the quality of the incoming gas.

Ordering Information:

SGT Click-On InLine Traps

Description	Cat. No.
Moisture Trap	28861-U
Oxygen Trap	28862-U
Hydrocarbon Trap	28863-U
Triple Oxygen/Moisture/Hydrocarbon Trap for Carrier Gas	28864-U
Gas Specific (He) Triple Oxygen/Moisture/Hydrocarbon Trap	28865-U
Combi Moisture/Hydrocarbon Trap for Fuel Gas	28866-U
Indicating Triple Oxygen/Moisture/Hydrocarbon Trap	28867-U

SGT Click-On Connectors

Description	Cat. No.
Click-On Connector 1/4" Brass (Pk. 2)	28868-U
Click-On Connector 1/8" Brass (Pk. 2)	28869-U
Click-On Connector 1/4" SS (Pk. 2)	28872-U
Click-On Connector 1/8" SS (Pk. 2)	28873-U
Click-On Double Version 1/8" (Pk. 2)	28874-U

Accessories

Description	Cat. No.
Replacement O-ring Set (Pk. 10)	28875-U
Wall Mounting Clamp	28876-U

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Super Clean — Scientific Glass Technology

For expert answers to your questions contact our

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