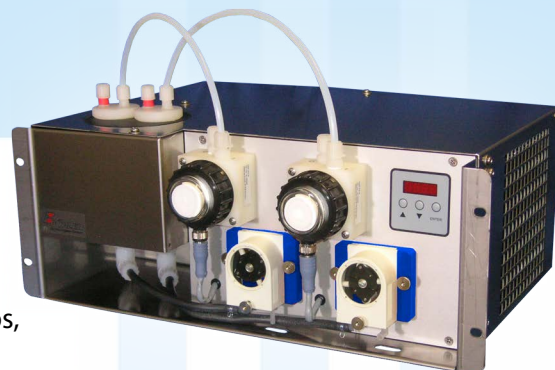


DRM Technic

Suppliers of Gas Analysis Equipment



EGK 2-19 SAMPLE GAS COOLER

A compressor-type cooling system connected to a cooling block, specified for use even under harsh ambient conditions. It can be used to serve two separate gas streams at the same time. Condensate is removed either by peristaltic pumps, condensate drains or condensate vessels.

FEATURES

Compact Design | Comes Pre-Assembled | Up to Two Gas Paths | Low Maintenance | Self-Monitoring | Status Outputs | Dew point stability 0.1 K

SPECIFICATIONS

Product No.	EGK 2-19
Warming Up Time	Max. 15 min
Cooling Capacity (at 25 °C)	320 kJ/h
Ambient Temperature	+5 °C to + 50 °C
Dew Point (set at factory)	Approx. 5 °C
Dew Point Stability (Static)	0.1 K
Drift Over Full Range	± 1.5 K
Temperature differential between Heat Exchangers	< 0.5 K
Housing	Stainless Steel
Packing Dimensions	Approx. 390 x 300 x 400 mm
Weight (inc. Heat Exchangers)	Approx. 15 kg
Weight (Fully Equipped)	19 kg
Power Supply	115 or 230 V, 50/60 Hz, plug acc. to DIN 43650
Power Consumption	290 / 260 VA
Protection Class	IP 20

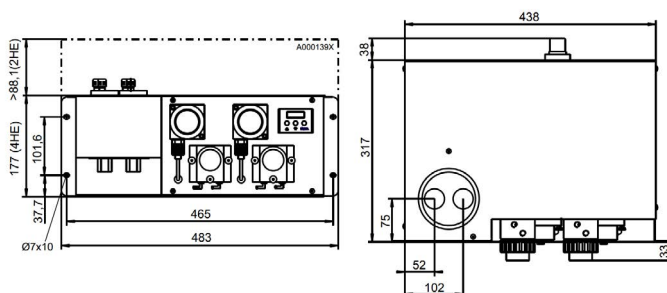
HEAT EXCHANGERS

Exchanger	PTS	PTG	PTV
Flow Rate Q_{max}	500 l/h	280 l/h	280 l/h
Inlet Dewpoint $T_{e,max}$	65 °C	65 °C	65 °C
Gas Inlet Temp. $\vartheta_{G,max}$	180 °C	140 °C	140 °C
Gas Pressure p_{max}	160 bar	3 bar	3 bar
Pressure drop Δp (Q=150 l/h)	10 mbar	10 mbar	10 mbar
Dead Volume V_{tot}	29 ml	29 ml	57 ml
Sample Gas Connections	Swagelok 6mm	GL 14	DN 4/6
Condensate Out Connections	G 3/8" i	GL 25	G 3/8" i

OPTIONS AND ACCESSORIES

Product No.	Description
9124030027	Spare Peristaltic Pump Tube, Right Angle Terminals
41151050	FE-4 Filter Element

TECHNICAL DRAWINGS



Please note: Space above the cooler for the tubing must be provided.

For more information, please contact our sales department