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# DRM Technic

Suppliers of Gas Analysis Equipment

**PCS.smart + Portable  
Conditioning System**

## PCS.smart + PORTABLE SAMPLE GAS CONDITIONING SYSTEM

The PCS.smart + is a variation of the PCS.smart with two heat exchangers, designed to reduce scrubbing of water-soluble gas components and specified for the measuring of samples during emissions monitoring.



### FEATURES

**TC-Standard OEM Cooling System with 90 kJ/h Nominal Capacity | Direct Successor to the TGAk3  
Adjustable Outlet Dew Point and Alarm Thresholds | Many Optional Components and Configurations**

### SPECIFICATIONS

Product No.	PCS.smart
Ambient Temperature	5 ... 50 °C
Gas Output Dew Point	2 ... 20 °C (adjustable)
Flow Rate	Approx. 50 ... 280 l/h
Operating Pressure	Max. 2 bar
Electric Supply	230 / 115 V, 50/60 Hz
IEC Connector, Termination Length	2.5 m
Power Input	Max. 250 VA (without heated line)
Operational Readiness	After approx. 10 min
Dimensions without line (H x W x D)	Approx. 460 x 360 x 260 mm
Weight	Approx. 13.5 kg (standard version)
Parts in Contact with Media	PVDF, Glass, Teflon, Stainless Steel, PTFE, Kalrez, Sintered PTFE
Protection Class	IP 20 D
<b>Standard Components</b>	
Cooler	TC-Standard OEM Sample Gas Cooler
Pumps	CPsingle Peristaltic Pumps
Filters	AGF-FE-4 Panel Filters
Moisture Detector	FF-3-N Moisture Detector
Flow Meter	DK 702 Flow Meter
Heated Line	Smartline Portable Sample Gas Probe

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