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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 Portable Sample Gas Conditioning System is an entire analysis system contained in one small case, featuring a gas cooler, condensate pump, gas pump, filter, moisture detector and flow meter with needle valve.



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 |
| Standard Components | |
| 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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