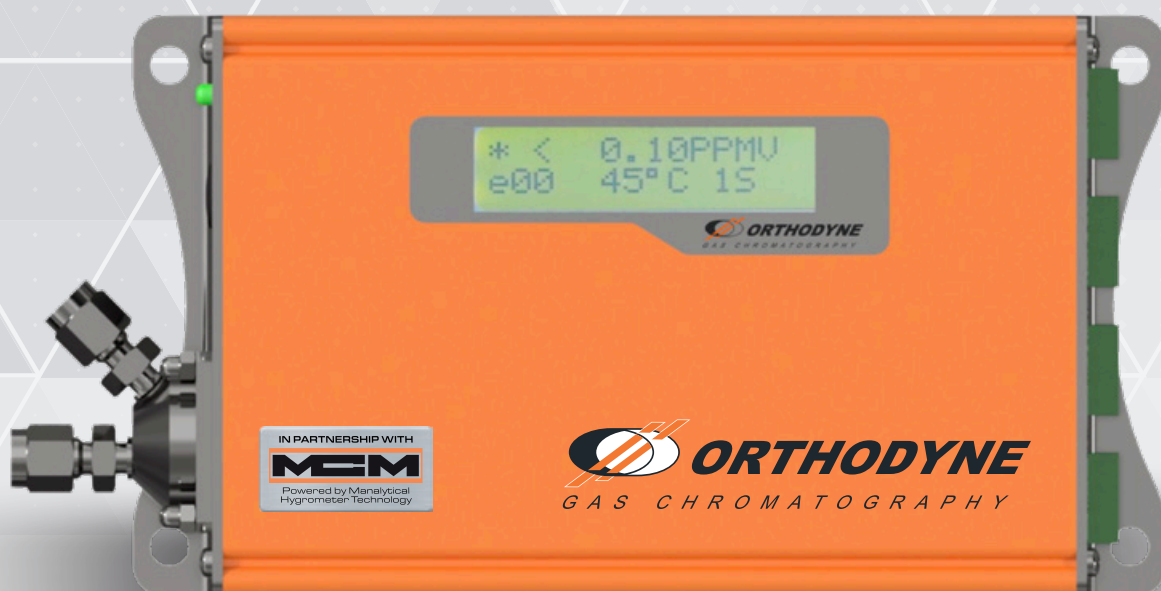


LINE / 8000

ORTHODYNE[®]
GAS CHROMATOGRAPHY

OMD 8000

NEW DETECTOR FOR
TRACE MOISTURE ANALYSIS



IDEALLY SUITED TO A RANGE OF INDUSTRIAL /
SPECIAL GAS APPLICATIONS:

- ASU process monitoring
- Filling plants (cylinder and / or truck)
- QA batch analysis
- Sampling of rare gases such as Helium (He), Argon (Ar) and Xenon (Xe).

LINE 8000



SPECIFICATIONS OMD8000

KEY PERFORMANCE DATA	
Sensor technology	Silicon sensor, temperature controlled to 45°C
Measurement range	0.1 to 100 ppmV (display over-read with UDL >130.0 ppmV)
Local display resolution	0.1 ppmV
Ldl (lower detection limit)	<0.1 ppmV
Speed of response	Response to changing conditions within seconds.
Drift	Negligible
Diagnostics	Automatic configuration checks on start-up Automatic, periodic self-test features during normal operation to ensure that optimal performance is maintained.
Calibration	In ppmV (traceability to National Standards and ISO17025 is available)
Local display	Alphanumeric LCD, displaying moisture data in ppmV
SAMPLE GAS & INSTALLATION REQUIREMENTS	
Sample gas flow rate	Flow independent. Recommended 0.1 to 0.5 litre/minute
Sample gas pressure	Atmospheric
Operating temperature	-20 to +40°C (optimized for stable process and ambient conditions without rapid fluctuations)
Gas connections	To suit 1/8" stainless steel tube (standard) HOKE® Gyrolok® item # 2SCNF316, Safety Changer Nut & Ferrule Sets : SCNF
POWER OUTPUTS & ALARMS	
Power supply	24V DC (maximum current 500mA)
Outputs	4-20mA (loop-driven), linear over range 0-100 ppmV with resolution 0.1 ppmV
Alarms	System/watchdog alarm to notify operator when hardware or software malfunction is detected
MOUNTING & PHYSICAL SPECIFICATIONS	
Mounting	Free-standing (bench-top) or panel mount. Optional 19" panel with flow control & flow indicator
Clearance dimensions [for installation]	237mm wide x 109mm high x 50mm deep
Installed weight	0.85 kg