

QMA401

A high precision, fast responding moisture analyzer, featuring internal calibration correction to provide long term performance

Product Parent Code: QMA401		
QMA401 Analyzer		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature M}+{Feature S}		
Feature	Item	Description
Feature {A}	Base Model	
	QMA401	Automatic Quartz Crystal Microbalance moisture measurement in a wide range of gases. Measurement range 1-2000ppmv, accuracy +/-0.1ppmv. Mains power, colour touch screen, RS485 Modbus RTU & TCP/IP, 2 x 4-20mA and 4 volt free contact outputs. NPL/NIST traceable moisture generator. Safe area use only.
Feature {B}	Moisture Generator	
	B1	Low Range (~0.5 ppmV)
	B2	Medium range (~5 ppmV)
	B3	High range (~50 ppmV)
Feature {M}	Material Certification	
	* M0	No material certification
	* M1	Material certificate to BS EN 10204 – type 3.1
Feature {S}	Sampling System Type	
	S0	No sample system. With 15µm internal filtration
	S2	Input pressure regulator and Fast-loop bypass with flow control. With 15µm internal filtration
	S3	Fast-loop bypass with flow control. With 15µm internal filtration
	S6	Fast-loop bypass with flow control. External 15µm filter supplied
* On certain labor intensive services, no discount can be offered. These items are always offered at list price.		

Ordering Example

QMA401+B2+M1+S2	QMA401 Base Unit with 5ppmV moisture generator, sampling system with Input pressure regulator and Fast-loop bypass with flow control. With 15µm internal filtration
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QMA401 ACCESSORIES, SPARE PARTS, DOCUMENTATION & SERVICES

Order Codes	Product / Description
Spares & Accessories	
QMA401-SDA	QMA401 Dryer assembly
QMA401-SDA2	QMA401 Dryer assembly (New case style)
GEN-VCRW14GR	¼" VCR Washer with Gasket Retainer
GEN-14VCR6	¼" VCR Female to 6mm Swagelok Tube
GEN-14VCR14	¼" VCR Female to ¼" Swagelok Tube
QMA401-PKI	19" Panel Mount Kit
Additional Services	
QMA401-CAL	In-house calibration of QMA401 (includes replacement moisture generator and desiccant charge)
Service Spares	
QMA-SMG-0.5P	Replacement Low Range (~0.5ppmv) Moisture Generator
QMA-SMG-5P	Replacement Medium Range (~5ppmv) Moisture Generator
QMA-SMG-50P	Replacement High Range (~50ppmv) Moisture Generator
QMA401-SOA-0.5P	QMA401 Sample block/oven assembly (calibrated with ~0.5ppmv MG, 1 barg input, 0 barg back pressure)
QMA401-SOA-5P	QMA401 Sample block/oven assembly (calibrated with ~5ppmv MG, 1 barg input, 0 barg back pressure)
QMA401-SOA-50P	QMA401 Sample block/oven assembly (calibrated with ~50ppmv MG, 1 barg input, 0 barg back pressure)
QMA401-SPTK	Sensor Pressure Test Kit (Michell engineer installation only)
QMA-THERMAL-FUSE	QMA401/601 Thermal Fuse

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: QMA401_97480_V7_UK_0623