

QMA401**A high precision, fast responding moisture analyzer, featuring internal calibration correction to provide long term performance****Product Parent Code: QMA401**
QMA401 Analyzer**Base Model**

Automatic Quartz Crystal Microbalance moisture measurement in a wide range of gases. Measurement range 0.1-2000ppmv, accuracy +/-0.1ppmv or 10% of reading whichever is greater. 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.

QMA401

Analyzer

Low Range (~0.5 ppmV)

A

Medium range (~5 ppmV)

B

High range (~50 ppmV)

C

Hazardous Configurations

No sample system. With 15µm internal filtration

A

Input pressure regulator and Fast-loop bypass with flow control. With 15µm internal filtration

B

Fast-loop bypass with flow control. With 15µm internal filtration

C

Fast-loop bypass with flow control. External 15µm filter supplied

D

Ordering Example**QMA401-AA****Automatic Quartz Crystal Microbalance moisture measurement in a wide range of gases. Measurement range 0.1-2000ppmv, accuracy +/- 0.1ppmv or 10% of reading whichever is greater. 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.**
Low Range (~0.5 ppmV) Moisture Generator
No sample system. With 15µm internal filtration**QMA401 ACCESSORIES, SPARE PARTS, DOCUMENTATION & SERVICES****Material Certification**

* QMA401-M1

Material certificate to BS EN 10204 – type 3.1 + NACE MR0175 Conformity

* QMA401-M2

Material certificate to BS EN 10204 – type 3.1

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

QMA401-SMG-0.5P

Replacement Low Range (~0.5ppmv) Moisture Generator 1 barg input, 0 barg back pressure

QMA401-SMG-5P

Replacement Medium Range (~5ppmv) Moisture Generator 1 barg input, 0 barg back pressure

QMA401-SMG-50P

Replacement High Range (~50ppmv) Moisture Generator 1 barg input, 0 barg back pressure

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