



Plumbing Trade Supplies

QMI



Quality Measurement Instruments



Plumbing Trade Supplies



CONSTRUCTION TRAINING
PTS' Preferred National Training Partner

EXCLUSIVE OFFER!

QMI Gas Analyser, 1 day Training & Certificate

QMI 1000 Kit includes

- QMI 1000 FGA
- Protective Sleeve with Magnet
- IR Printer
- Flue Sample Probe
- Mains Charger
- Temperature Pipe Clamps
- Pressure Connectors & Tubing
- Combustible Gas Leak Detector
- Calibration Report
- Instruction Manuals
- Carry Case
- Spare Filter

QMI1000 with Printer

CPA1 Assessment

CPA1 Certification

Keyword: QMI1000PCPA

Analyser usual price **£590.00** Ex. VAT

CPA1 Assessment and Certification **£99.00** Ex. VAT

CPA1 Training ½ day course **£59.00** Ex. VAT

Training available at ACS accredited OLCI centres.
Weekday or weekend training available.



**A MASSIVE
SAVING OF
£118**

OUR PRICE ONLY...

£630.00 Ex. VAT

£740.25 Inc. VAT

For your nearest PTS branch log onto www.ptsplumbing.co.uk or text **83332** or call **01455 551200**

QMI - Quality Measurement Instruments



Eddie Quigley



James Quigley

QMI is a new company started in 2009 by Eddie and James Quigley. It was set up to supply the Heating Industry with affordable, easily accessible, quality hand held instruments via one chosen distributor. With over 300 branches and their friendly professional staff it was not a difficult decision to choose leading plumbing and heating merchant Plumbing Trade Supplies to perform the nationwide distribution.

Eddie is a qualified engineer who has been involved in Instrumentation since 1973 specialising in the Oil and Gas industry for such companies as Foxboro, Schlumberger, Telegan and TPI. James joined TPI in 2004, supervising British Gas service and repair and also in general instrument sales. Between the two they have 45 years of experience in instrumentation.

QMI offers a broad range of instruments and accessories specialising in supplying the UK market. The company prides itself on the quality of its products and its technical support.

OLCI, the nationwide training provider, work very closely with QMI and use their Flue Gas Analysers to train Gas Operatives for industry.



QMI 1000 FGA Flue Gas Analyser

Professional Kit c/w direct reading CO2

INCLUDES

- QMI 1000 FGA
- Protective Sleeve with Magnet
- IR Printer
- Flue Sample Probe
- Combustible Gas Leak Detector
- Mains Charger
- Temperature Pipe Clamps
- Pressure Connectors & Tubing
- Calibration Report
- Instruction Manuals
- Carry Case
- Spare Filter

**Leasing available on
multiple units**

*Warranty valid if serviced by QMI



£590 RRP
+VAT

Parameter	Range	Resolution	Accuracy
Temp Measurement			
Flue Temperature	0-600°C	0.1°C	±2.0°C ±0.3°C reading
Inlet Temperature (Internal Sensor)	0-50°C	0.1°C	±1.0°C ±0.3°C reading
Inlet Temperature (External sensor)	0-600°C	0.1°C	±2.0°C ±0.3°C reading
Gas Measurement			
Oxygen ¹²	0-21%	0.1%	±2.0% ¹¹
Carbon monoxide	0-2,000ppm nom 4,000ppm max for 15 mins	1ppm	±10.0ppm <100ppm ¹¹ ±5% reading
Carbon dioxide	0-30%	0.1%	±0.3% reading
Efficiency ¹²	0.99-9%	0.1%	±1.0% reading
Excess Air ¹²	0-250%	0.1%	±0.2% reading
CO/CO2 ratio ¹²	0-0.999%	0.0001	±5% reading
Pressure (differential)			
Nominal range ±80 mBar	±2 mBar	0.001 mBar	±0.005 mBar
Maximum over range without damage to sensor is ±400mBar	±1 mBar		±0.03 mBar
	±80 mBar		±3% of reading
Pre-Programmed Fuels	Natural gas, Propane, Butane, LPG, Light Oils (28/35 sec), Wood Pellets		
Storage Capacity	99 Combustion tests 20 Pressure tests 20 Tightness tests	20 Temperature tests 20 Room CO tests	
Ambient Operating Range	0°C to +40°C (32-104°F) 10% to 90% RH non-condensing		
Battery Type / Life	4 AA cells >8 hours using Alkaline AA cells		
Chargers (optional)	220v charger, for NiMH batteries only 12v in vehicle charger, for NiMH batteries only		
Dimensions	Weight: 0.8kg handset with protective cover Handset: 200mm (7.9") x 45mm (1.8") x 90mm (3.5") Probe: 300mm long including handle 6mm diameter x 240mm long stainless steel shaft with 3m long neoprene hose. Type K thermocouple		

¹¹ Using dry gases at STP ¹² Calculated

QMI 500 FGA Flue Gas Analyser Kit

INCLUDES

- Protective Sleeve with Magnet
- IR Printer
- Flue Sample Probe
- Mains Charger
- 2 year Sensors
- Calibration Report
- Instruction Manuals
- Carry Case
- Spare Filter

*Warranty valid if serviced by QMI

Easy
to use



5 year
Warranty

£449 RRP
+VAT

Parameter	Range	Resolution	Accuracy
Temp Measurement			
Flue Temperature	0-600°C	0.1°C	±2.0°C ±0.3°C reading
Inlet Temperature	0-50°C	0.1°C	±1.0°C ±0.3°C reading
Temp (Nett) ²	0-600°C	0.1°C	±2.0°C ±0.3°C reading
Gas Measurement			
Oxygen	0-21%	0.1%	±2.0% ¹
*Carbon monoxide	0-2,000ppm nom 4,000ppm max for 15 mins	1ppm	±10.0ppm <100ppm ¹ ±5% reading
Carbon dioxide	0-30%	0.1%	±0.3% reading
Efficiency ²	0.99-9.9%	0.1%	±1.0% reading
Excess Air ²	0-250% 0-0.999%	0.1% 0.0001	±0.2% reading ±5% reading
Pre-Programmed Fuels	QMI 500: Natural Gas, Light Oil, Propane, Butane, LPG, Wood Pellets		
Dimensions			
Weight:	1kg / 2.2lb		
Handset:	200mm (7.9") x 45mm (1.8") x 90mm (3.5")		
Probe:	L300mm (11.8") x Dia 6mm (0.25") with 200mm (7.8") long stainless steel shaft, type K thermocouple and 3m (6ft) neoprene hose		
Storage Capacity	16 sets of test results in volatile memory		
Ambient Operating Range	0°C to +40°C (32-104°F) 10% to 90% RH non-condensing		
Battery Life	4 AA cells >8 hours using Alkaline AA cells		
AC Battery Charger (optional)	Input: 110Vac/220 Vac / 220 Vac nominal Output: 10 Vac off load		

¹ Using dry gases at STP ² Calculated

QMI Products



QMI Vent Check CO₂

- Displays CO₂ and Temperature
- NDIR CO₂ detector
- Statistics of weighted averages
- BS 8494 compliant
- Backlight
- Audible CO₂ level alarm
- Optional RS 232 Interface
- For use in Air Quality and Commercial Kitchens

RRP £199 +VAT



QMI Combustible Gasleak Detector

- Detects Methane and Propane
- Quick to pinpoint gas leaks Automatically calibrates at power-on
- Less than 60 seconds warm-up time
- Auto power off function
- Less than 10 seconds response time.
- 5 level LED alarm
- 440 mm probe length
- Built in earphone jack
- Mute function
- AA batteries giving 14 hours continuous use

RRP £79 +VAT



QMI CO Detector

- Dual digital display of current and maximum Carbon Monoxide levels
- Adjustable CO warning level with audible indicator
- Low battery indicator
- Auto power-off function
- Backlight

RRP £79 +VAT

QMI Products



QMI 3500 Dual Digital Manometer

- Range 0 – 160mbar
- Accuracy $\pm 3\%$ of reading
- Resolution 0.01 mbar
- High over-range
- Timed stabilisation, let by and tightness tests
- Outputs to Infrared printer
- Temperature compensated for superior accuracy
- Manual and autolog facilities
- Soft pouch and pressure tubing
- Calibration report and manual

RRP **£179** +VAT



QMI PRD Pressure Relief Device

- Allows the adjustment of gas pressures – for instance

£25 +VAT



QMI TK Engineers Temperature Kit

- QMI DT200 Dual Input Digital Thermometer
- Triple display
- Selectable °C and °F
- Range -200 to +1370°C
- Data hold
- Record facility
- Back light
- 2 x Type K temperature pipe clamps
- 2 x Type K wire probes
- Soft carry bag

PERFORM FLOW AND RETURN TESTS

RRP **£133** +VAT

FGA Accessories



QMI Probe set

- Set of sampling probes for your Flue Gas Analysers in accordance with BS 7967.

RRP £99 +VAT

QMI PF400/5 filters (pack of 5)

- Filters for QMI FGAs

RRP £15+VAT



Printer QMI-IRP

- Infra Red Printer for use with QMI Flue Gas Analysers.
- Simple to use.
- Thermal Imaging paper so no ink or ink to replace.
- Will work with most manufacturers FGAs

RRP £149 +VAT

QMI Paper Rolls (pack of 5)

- Paper for QMI Printer

RRP £12 +VAT



QMI FGA Gas Leak

- Sensitivity < 50ppm methane
- Audible and visual indication
- 20 seconds warm up time
- < 1 second response time
- 180 mm probe length
- AA Alkaline batteries giving 5 hours continuous use.

RRP £43 +VAT



Type K Pipe clamps

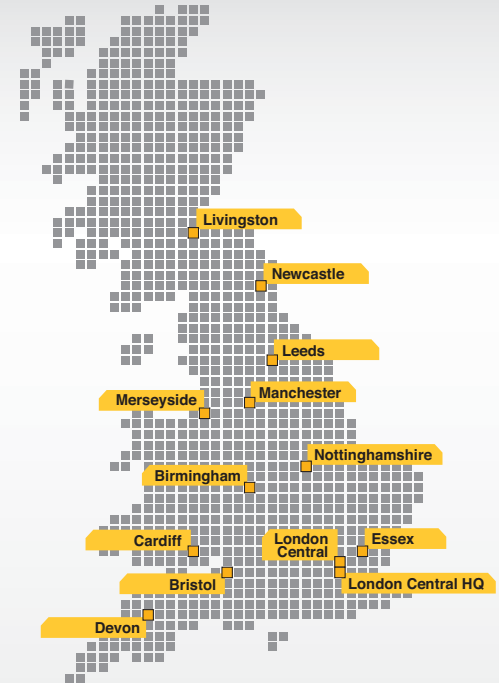
RRP £18 each +VAT

Train with OLCI Construction Training – the UK's No 1 construction training provider

Plumbing, gas, renewable and electrical training and assessments for companies large and small.

Choosing OLCI can save companies time and money, and provide candidates with added convenience and flexibility.

- Local centres available throughout the UK – avoid losing valuable work days and reduce travel and accommodation costs
- Daily, evening and weekend courses – training that starts when you want
- Bespoke training for groups
- Industry recognised qualifications
- Dedicated point of contact for training and assessment needs



**Freephone
0800 9 808 755**



OLCI

CONSTRUCTION TRAINING
Nationwide – to bring success closer to you

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www.ptsplumbing.co.uk
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