



717R Combustion Flue Gas Analyser

- **Combustion Efficiency Analyser:**
Measure O₂, CO, and flue temperature.
Calculate efficiency, excess air, CO₂ & (CO/CO₂) Ratio.
- **CO Analyser:**
Measure carbon monoxide in ambient air.
- **Differential Manometer:**
+/- 150 mBar (0.01 mBar resolution)
Great for Tightness/Let By or Burner Pressure Testing
- **Differential Thermometer:**
Dual input K-Type thermocouple thermometer measures differential temperatures
Ideal for Measuring & Recording Flow & Return Temperatures



PLUS

- Timed Let/By & Tightness Test
- Timed CO Build-Up Room Test
- Integrated Magnet
- Calibration Due Countdown on switch on
- Serial Number on Print-Outs
- Next Calibration Due Date on Print-Outs

LOWEST ANNUAL Re-Certification Costs

£77.⁹⁵ exc. VAT

Includes scheduled O₂ & CO sensor changes and return carriage

Contact TPI Europe Ltd for FULL Written Terms & Conditions

Feature	Benefit
10,000 ppm CO Sensor	Longer Life & Quicker Recovery Times after Combustion Tests
In-Line Water Trap Bowl Filter	Prevent additional servicing costs due to damaged sensors caused by water ingress
In-Line Mini Pump Protection Filter	Prevent additional servicing costs due to blocked pump caused by dust/dirt ingress
Multi-Fuel	Not limited to the type of jobs you can accept to work on
Soft Carry Case	Keeps your equipment & accessories together & secure in one handy place
Diagnostic Software	Save time & money by preventing the need to return the analyser for unnecessary repairs
Readings Output to (Optional) IR Printer	Keep permanent print-outs of recorded readings for your records & the customers
6 Year Warranty	Complete peace of mind over the life of the analyser
CO Build Up Test Software	Save time by having the analyser record the CO Build Up levels in a Room
Tightness Test Software	Save time by having the analyser record the Test Pressure Readings
Calibration Due Countdown	Always be aware of when your 717R requires annual re-certification

Test the TPI Advantage

Tel: 01293 530196

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Carbon Monoxide (CO) Measurement

Range	0 to 10,000 ppm
Resolution	1 ppm
Accuracy	<20 ppm : ± 3ppm >100 ppm : ± 5%

Oxygen (O₂) Measurement

Range	0 to 25%
Resolution	0.1%
Accuracy	±0.3%

Carbon Dioxide (CO₂)

Range	0 to 25%
Resolution	0.1%
Accuracy	Calculated

Ratio (CO/CO₂)

Range	0 to 0.999
Resolution	0.001
Accuracy	Calculated

Gross/Net Efficiency

Range	0 to 100%
Resolution	0.1%

Temperature Measurement

Range	-40° to 800° C (-40° to 1472° F)
Resolution	1°C or F
Accuracy (K-type)	±0.3%, ±1°C or ±2°F

Draft/Pressure Measurement

Selectable Ranges	mBar, kPa, and inH ₂ O
Range	-150 mBar to +150 mBar
Resolution	0.01mBar
Accuracy	±0/5% fsd

Instrument Specifications

Operating Temperature Range	-10° to 50°C
Battery	Rechargeable Ni-MH, >6 Hour Life
Charger Input Voltage	115V or 230V : 50/60 Hz AC
Fuels	Natural Gas, LPG Light Oil, Heavy Oil Bituminous Coal Anthracite Coal Coke, Butane Wood (Dry) Bagasse Wood Pellet
Display	Backlit LCD
Data Storage	100 sets
Time & Date	24 Hour Clock
Dimensions	200x90x60mm
Weight	500g
Conforms To:	EN50379 BS7967

Standard Accessories

Flue Temperature Probe	A770
'K'-Type Temperature Air Probe	GK11M
In-Line Water Trap Bowl Filter Complete	A796
Mini Pump Protection Filter Assembly	A763
Battery Charger	A766
Protective Boot	A765
Soft Carrying Case	A768
Exhaust Spigot	A764

Kit options available

Kit	Analyser, Probe & Charger in Padded Carry Case
Kit 1	As Kit PLUS Printer
Kit 2	As Kit PLUS Printer & Pipe Clamps
Kit 3	As Kit PLUS Printer, Pipe Clamps & CPA Probe Set
Kit 4	As Kit PLUS Printer, Pipe Clamps & Gas Sniffer
Kit 5	As Kit PLUS Printer, Pipe Clamps, CPA Probe Set & Gas Sniffer
Kit 1 OIL	As Kit PLUS Printer, Smoke Pump & Oil Filter

