



# 717R Combustion Flue Gas Analyser

## Carbon Monoxide (CO) Measurement

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

## Oxygen (O<sub>2</sub>) Measurement

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

## Carbon Dioxide (CO<sub>2</sub>)

Range	0 to 25%
Resolution	0.1%
Accuracy	Calculated

## Ratio (CO/CO<sub>2</sub>)

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 <sub>2</sub> 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

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
Muli-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