




EiUK

Multi-Purpose Flue Gas Analyser

- Check all combustion parameters
- Measure Differential Temperature
- Measure Differential Pressure
- Perform let-by, stabilization and tightness tests
- Perform CO build-up tests
- Perform smoke tests
- 5 years Extended Warranty

Tested to BS EN 50379

**Service is what matters to most of us!
Only 2 days turnaround**



CO2	0.0 %
CO	0 ppm
O2	21.0 %
T-Gas	26.8 °C

RASI 200

EiUK

ESC

OK

Power

	Basic KIT	Standard KIT	Advanced KIT	CPA1 KIT	OIL KIT
RASI 200 Analyser	•	•	•	•	•
300x8 mm flue gas probe	•	•	•	•	•
Rechargeable battery/Carger	•	•	•	•	•
Rubber Sleeve with magnet	•	•	•	•	•
Calibration Certificate	•	•	•	•	•
Software, USB cable	•	•	•	•	•
ABS carrying case	•	•	•	•	•
Fast IRDA Infrared Printer		•	•	•	•
2 x Pipe Clamp on probes			•	•	
Differential pressure hose KIT			•	•	
Gas Leak Detector				•	
BS 6967 Appliance Probe KIT				•	
Gas Pressure Controller				•	
Oil commissioning KIT					•
Smoke Pump					•
Oil Filter					•



RASI200 Basic KIT



RASI200 CPA1 KIT



RASI200 Advanced KIT



RASI200 Standard KIT

Features

	RASI 200
O2, CO, CO2, Ratio, Excess Air, Efficiencies (Net, Gross Condensing)	•
Temperature Flue, Air and Differential	•
NOX measurement	Optional
Draught	•
Pressure and Differential Pressure	•
Multi Fuel	•
Use on OIL/GAS/WOOD fired burner	•
Automatic T Flow/T Return	•
Automatic timed tightness test (IGE/UP/1B)	•
Automatic Let By test (IGE/UP/1B) with timing settable	•
CO room built up (15 minutes LOG and CO (Max)) BS 6967	•
Gas Leak Detector	Optional
Print on Site	Optional
Separate print out for Flue Gas Analysys, Diff Temperature, Let By, Tightness test and CO Built-up	•
Smoke test and separate print out	•
Memories, software , USB cable, rechargeable battery	•



RASI200 OIL KIT

Ordering Code	Description
RASI 200-KIT-01	RASI 200 Basic KIT supplied with standard accessories
RASI 200-KIT-02	RASI 200 Standard KIT supplied with standard accessories
RASi 200-KIT-03	RASI 200 advanced KIT supplied with standard accessories
RASI 200-KIT-04	RASI 200 CPA1 KIT supplied with standard accessories
RASI 200-KIT-05	RASI 200 Oil KIT supplied with standard accessories

Service plan

Eurotron Service & Calibration Department is dedicated to offering you a first class, efficient and competitively priced service. Our team, supported by our registration to ISO9001:2008, are committed to meeting your repair, servicing and calibration needs.

Key Benefits of our unique Service Plan

- Keeps Analyser within required legislation (BS 7967)
- Ensures 5 years rolling warranty
- Peace of mind
- Plan costs, flat yearly fee, no catch
- No contract required
- Calibration certificates as required by BS7967
- Include sensors replacement
- Free firmware upgrades if applicable
- Calibration reminders are sent



Specifications

	Range	Accuracy	Resolution
Measured Gases			
O ₂ measurement	0 to 21 % Vol	±0.2 Vol % abs	0.1 % Vol % abs
CO measurement	0 to 4000 ppm	± 10 ppm or 5 % rdg (<4000 ppm) 10 % of rdg > 4000 ppm	1 ppm
NO (NO _x) measurement (Optional)	0 to 5000 ppm	± 5 ppm or 5 % rdg (<1000 ppm) 10 % of rdg > 1000 ppm	1 ppm
Temperature and Pressure			
Temperature measurement Direct and differential	-40 to 600 Deg	± 1 °C (-40 to 200 °C) ± 1 % of rdg (200 to 1200 °C)	0.1 °C
Draft measurement	± 40 hPa/mbar	±0.02 hPa or ±1 % of rdg	0.1 hPa/mbar
Pressure measurement (gauge, negative and differential)	± 300 hPa(mBar)	±0.02 hPa or ±1 % of rdg	0.1 hPa/mbar
Calculated value			
CO ₂ %	0 to CO ₂ % max	± 0.3 % Vol % abs	0.1 % of Vol
Heat Losses	0 to 99.9	n/a	
Excess Air	0 to 99.9 %	n/a	0.1%
CO/CO ₂ RATIO	0-0.9999	n/a	0.0001
Efficiencies (net/gross/condensing)	0 to 120 %	n/a	0.1%
Flue Gas Dew Point	0 to 99.9 °C	n/a	0.1
Fuels			
Nat Gas, LPG, Heavy/Light Oil, Kerosene, Butane, Propane, Wood Dry, Wood Pellets			
Digital communication and data storage			
Digital ouput	Standard MINI USB port- Option BLUETOOTH module- Real time data transfer		
Memory review	Through Function key, measurement data are orginised by measurements site- Sites can be created/edited by on board keyboard or directly imported by software.		
Memory Storage	Internal flash memory (up to 99 sites)		
Software	EiUK software package for real time data transfer, data saving and memory		
Display			
Display Type	Graphic display, Backlight LCD, 4 Lines for disaplaying 4 parameters simultaneously		
Power			
Battery	Internal NiMh rechargeable battery, 8 hours operation		
Battery Charging	USB charging port- Charger included, 110-240 VAC, 50/60 Hz		
Enviromental and mechanical design			
Operating Temperature	+ 5 to 45 °C, Storage Temperature -20 to 50 °C, IP protection IP 21		
Weight and Dimensions	750 grams, 74 x 145 x 35 mm (W x H x D)		
Conformity	EN 50379-12		
Warranty	5 years limited warranty on instruments and cells when serviced annually by Eurotron Instruments (UK) Ltd., 1 year battery/charger and flue gas sampling probe		



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.