

V. Specification

Instrument

Operating temperature range	-10°C to 50°C (14°F to 122°F)
Battery	Lithium-Ion. Life up to 9 hours dependant on test used. 15% left warning.
Recharge time	Minimum 6 hours from flat.
Charger input voltage	230 V; 50 Hz AC
Standard Fuels	Natural gas, LPG, heavy oil, light oil, coal, wood, wood pellet dry, coke, Biomass and Bagasse
Display	Blue back lit graphic LCD
Menu	Intuitive structure, tab selection on screen
Dimensions	92 x 176 x 59 (mm)
Function buttons/key pad	5 button keypad
Weight	528 g
Operating time:	9 hours (6 hours continuous pump)
Pump	Flow fail indication, SmartPurge
Enclosure	Integrated robust protective case. Protective rubber boot with integral magnets
Standards	BS7927, EN50379, BS7967
Data Logging Reports	Up to 200 reports, depending on type

Probes

Standard Efficiency Flue Probe

Insertion length	250 mm (9.9") with adjustable depth gauge
Maximum temperature	800°C (1472°F)
Construction	Ergonomic pistol grip with stainless steel shaft, in-built with thermocouple, in-line water trap/filter
K-type thermocouple	Accuracy $\pm 1^\circ\text{C}$ or $\pm 0.3\%$ of reading, whichever is best Protective shaft for thermocouple
Hose length	2000 mm

Gas Escape Sensor Probe

Gas Escape Sensor:	0-10,000ppm natural gas
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Gases

	Range	Display Resolution	Accuracy	Detection limit	Response time (t90)	Recovery time	Diagnostics
Oxygen	0-25%	0.1%	± 0.2%	0.3% w/v	50 sec	30 sec	✓
Carbon monoxide (H ₂ compensated, optional)	0-5,000ppm	1ppm	≤20ppm; ±3ppm >20ppm; ±3%	±3ppm	45 sec	60 sec	✓
Carbon dioxide (Calculated)	0-25%	0.1%	±0.2% w/v	0.2% w/v	50 sec	30 sec	
CO/CO ₂ ratio	0 to 0.9999	0.0001					
Nitrogen Monoxide (V4 & V5 only)	0-1000ppm	1ppm	±5ppm or 5% of reading	5ppm	90 sec	60 sec	

Other Measurements

Measurement	Range
Temperature (selectable °C or °F)	-50° to 1100°C (-58° to 2012°F)
Efficiency	0-100% Net or Gross 0-120% Net High Efficiency
XSAir	0-100%

Draught/Pressure Measurement

Let-by/Tightness Test	Dedicated test and report/print structure for combined test to IGE/11/UP/1B
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Pressure Scale

Range	-150 mbar to +150 mbar
Resolution	0.1 mbar
Accuracy	±0.5% of reading calibration at +50 mbar (equivalent to ±0.5 mbar)
Equivalent scales	Pa, hPa, kPa, PSI, inWG, mmWG, inHG, mmHG

Communications
IR Port
USB

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TELEGAN
gas monitoring

Sprint evo¹ levo² levo³

Accessories and spare parts

VI. Accessories and spare parts

Accessory list

Telegan part number	Description
General Spares	
CAS29023	SPRINT EVO CARRY CASE
PRB29002	SPRINT V LEAK PROBE
PRB29000	SPRINT V MAIN PROBE INC WATER TRAP WITH FILTER
PRB29011	FREEVO MAIN PROBE INC WATER TRAP WITH FILTER
TUB29000	NEOPRENE TUBE - PRESSURE
CHG29001	SPRINT UK CHARGER
FIL29001	WATER TRAP INC FILTER
INS2902 1/2/3	EVO INS CARD V1/V2/V3
FIL99008	FILTER ELEMENT