

MODEL FEM- 55 /xP BASED PORTABLE FUEL EFFICIENCY MONITORS THE INSTRUMENT

The microprocessor and architecture ensure simplicity in use, trouble-free performance, cost effectiveness and reliability. Operation is with the help of only 5 keys. Series FEM incorporates microprocessor key controls which are fully menu driven. Stored data can be viewed or downloaded to a computer or printed out by an external printer. A built in pump draws flue-gas through the integrated temperature cum gas probe. The instrument works on an inbuilt rechargeable battery.

FEATURES

- JJP Calculated values % CO₂, % Excess Air, Nett & Gross Efficiencies
- Date, Time, Name of Instrument's Owner Name of Company surveyed, Equipment & Eduction Point which is User Programmable and all selected parameters of each reading is data logged
- Data stored and can be Printed and Down loaded to a computer for permanent storage.
- User Programmable by operator for non conventional fuels like husk, wood, or bagasse.
- Formulae for 9 standard fuels pre programmed.
- Auto and Manual sampling modes
- Elegant Gas cum Temperature probe with integral filter and cooler. Molded hose of 1.5 m length provided.
- Auto Oxygen Calibration at start-up.
- Report Menu allows User to View & Print data & select for Printing specific range of readings
- Fuels: Natural Gas. Light Oil, Heavy Oil, LPG Anthracite, Coke, Butane, Coal & User-fuel.



APPLICATIONS

For measurement of exhaust gases of Boilers, Furnaces, Heaters, Kilns in order to improve combustion efficiency and reduction of pollutant gases released by these devices.

GAS, RANGE & RESOLUTION					
GAS	O ₂	CO	SO ₂	NO	NO _x
RANGE	0-25%	0-2 %	2000ppm	2000pprn	SOOppm
RESOLUTION	0.1 %	.001%	1 ppm	1 ppm	1 ppm

ACCESSORIES

Instrument manual, Battery Charger, Probe assembly, Connecting Hose, Printer Cable, Serial Cable, Soft Carrying Case for above

OPTIONAL EXTRA

- Probe High temperature probe of 1100 ° C
Extra long probe available
- Gases Alternate gases on request.