FUEL EFFICIENCY MONITOR
MODEL FEM – 01

The ARTECH FEM-01 Fuel Efficiency Monitor is designed to monitor performance of boilers, heaters, furnaces, etc. It measures Oxygen, Carbon Monoxide and Temperature of flue gas. From these values it computes Combustion Efficiency, Excess Air and Carbon Dioxide values. It is suitable for all gas, oil & solid fuels.

SPECIFICATIONS :

Ranges	: 0 – 25.0% Oxygen, 0 – 5000 ppm Carbon Monoxide and 0 – 600°C Temperature (or 0-1200°C if specially ordered)
Display	: 16 $\times$ 2 Alphanumeric LCD Display, backlit.
Sampling	: In-built pump (200mm Hg suction, 1.5 LPM Air Flow) with Switch
Ambient Temperature	: 5°C To 50°C
Probe (external)	: Suitable for drawing, filtering, cooling and drying the sample gas 450mm for 600°C and 1000mm for 1200 °C
Memory	: 63 records can be stored in the memory
Output Indication	: %CO_2, %Excess Air, Efficiency based on Gross and Net Calorific Value and a serial output for computer and serial printer
Dimensions / Weight	: 200$\times$100$\times$55mm 1.3 Kg approx., Probe 580mm total length, 1.1 Kg.
Power Supply	: Ni/MH Rechargeable batteries 7.2V/1.3Ah or 230VAC, 50Hz Adapter
Accessories	: Carrying Bag, Communication Cable, Silicone rubber Tube, Silicone Grease, Spare Filters and Battery Charger

Other products   : Oxygen / Gas Analyzers, Relative Humidity (RH) Instruments, Dew Point Meters, Temperature Instruments, Molten Metal Temperature Measuring Systems, Scanners, Calibrators, Sensors and other system accessories.