

PORTABLE

MULTI GAS ANALYSER / MONITOR



A COMPACT RUGGED & INTELLIGENT INSTRUMENT for...

- AMBIENT MONITORING
- PRE-ENTRY CHECK
- QUALITY CONTROL
- PROCESS OR EMISSION GAS ANALYSIS
- FUEL COMBUSTION OPTIMIZATION



MODEL MX 51

It's Simple Automatic Operation, Continuous Measurement and Digital Display of All Or Any Selected Gas And Derived Parameters Makes It a Valuable Aid For On Site Instant Analysis and Follow up Action.

It's Data Logging and Computer Interface Features Can Be Used for Further Detailed Analysis. Control Panel with LCD, internal data logging, service connection with USB, PC interface with software having compatibility with Windows 2000, Xp and 2007.

SPECIAL FEATURES

- Automatic Operation
- Self Diagnostic Check
- Proven Sensor Technology
- Accommodate Up To Four Sensors
- Continuous, Stable Alphanumeric Display
- Diffusion or Suction Sampling
- Long Life Rechargeable Batteries
- Data Logging and Rs 232 Output Capability
- Operation modes: Real time always ready.

OPERATION

On Start Up, The Instrument Automatically Goes Through Complete Self Integrity Check, On Demand. The Press Of Sampling Switch Initiates The Sampling Through Suction Analysis And Digitally Displays The Results. "Hold Key" Enables Monitor/Analysis for a Particular Parameter of Interest.

SPECIFICATIONS



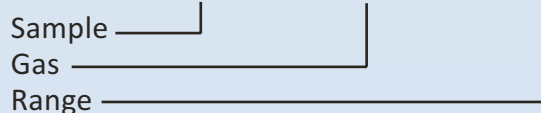
Display :	Alphanumeric LCD 2 X 16
Sampling :	Diffusion or Suction
Calibration :	Automatic zero & span with fresh air sample Calibration gases
Response Time :	<10 seconds at 95% variant
Power Supply :	Internal Ni-cad battery
Working Temperature :	-5° C to 55° C
Storage Temperature :	-20° C to 45° C
Case :	High Impact Plastic (NEMA IP 40)
External Dimension :	170 X 100 X 130 mm
Weight :	750 gm (with battery)
Probe (optional) :	6mm, Dia SS 600 mm length with 1 meter Neoprene Hose standard
Accessories :	Battery charger, operation manual
Sampling :	Diffusion (D), Suction (S)

MEASURING RANGE

PARAMETER (Maximum 4)	SENSOR	(Nom/max)	RESOLUTION	ACCURACY
O ₂	Electrochemical	0-25% / 100%	0.1%	0.5%
CO	Electrochemical	0-500 / 4000 PPM	1 PPM	+/- 2%
CO(B)	Electrochemical	0-10%	0.01%	+/- 2%
Co ₂	TCD / Electrochemical	100%	0.1 %	+/-1%
NO	Electrochemical	10/1000 PPM	1 PPM	+/- 2%
NO _x	Electrochemical	0-1999 PPM	1 PPM	+/- 2%
NO ₂	Electrochemical	20/200 PPM	1 PPM	+/- 2%
SO ₂	Electrochemical	0-20/2000 PPM	1 PPM	+/- 2%
Hydrocarbons	Catalytic pilaster	0-100 % LEL	1 %	+/- 2%
Hydrogen H ₂	TCD	or 0-5 % / 100%	0.1 %	+/- 2%
Humidity	Capacitive	0 - 100%	0.1%	+/-1%
H ₂ S	Electrochemical	0 - 50 / 500 PPM	1 PPM	+/- 2%
Temp.	Tc	0-1000° C	1° C +/-	0.25%
Combustion Efficiency	Calculated	0-99.9%	0.1 %	+/- 0.1%
Cl ₂	Electrochemical	0 - 5/500 PPM	0.1/1	+/-2%
NH ₃	Electrochemical	0 - 100 PPM	1 PPM	+/- 2%
C ₂ H ₄	Electrochemical-	0 - 100/500 PPM	≤0.1 PPM	+/-2%

Nanogold-technology

Mx 51, CO (4000 PPM), OX (25%), TEMP(50)



The above Parameter and Ranges are only indicative. Endee will build and supply the monitor with Parameters, range and features to any practical configuration.

Note : Specifications and Features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.



ENDEE ENGINEERS PVT. LTD.

Office : 25/N, Laxmi Industrial Estate, Link Road, Andheri (W), Mumbai - 400 053.
 Tel. : 6692 3081 / 82 | Fax : 4295 1324
 Email : sales@endee-engineers.com | info@endee-engineers.com
 Website : www.endee-engineers.com