

ETHYLENE OXIDE ANALYSER – EOA 613

INDUS Model EOA 613 is a handheld instrument meant for measuring Ethylene Oxide concentration in ambient air in work places. An electrochemical sensor is employed to detect Ethylene Oxide and a micro controller-based analyser converts the sensor output to concentration of Ethylene Oxide and displays the instantaneous level on a back-lit LCD display. It is equipped to give alarms at preset levels.

Specifications

Sensor	Electrochemical sensor (from City Tech – UK)	
Target Gas Range	Ethylene Oxide	
	Normal Range	Resolution
	0 – 100 ppm	0.1 ppm
Display	2 x 8 LCD display	
Key Board	3 x 3 Membrane key pad	
Warm up time	120 Sec.	
Response time – T ₉₀	≤140 Sec.	
Sensor life	2 Years in air	
Serial output	RS232	
Alarm	Visual and audible alarm <ul style="list-style-type: none">• To indicate exceeded preset limits• To indicate battery low	
Features	<ul style="list-style-type: none">• Compact size and battery operated• Inbuilt RTC• 100 data storage with date and time• User Preset alarm level• Serial output for PC or printer	
Operating temperature	0 to 50°C	
Power supply	7.4 V DC Battery	
	9 V DC (External)	
Size	180 mm x 100 mm x 60 mm	
Accessories	<ul style="list-style-type: none">• Battery charger• Serial dot-matrix printer – Optional• Thermal printer – Optional These printers are independent units powered by built-in battery or external power source (DC 12 Volt or AC 230 V – 20 watts)	
Li-Ion Battery	<ul style="list-style-type: none">• 7.4 Volt• 2200 mAh• Battery backup – Minimum 8 hours	
Charger	<ul style="list-style-type: none">• Input – 180-270 VAC• Output – 9.0 VDC, 900 mA	



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