

## FIXED GAS MONITOR

**ENDEE OFFER A GAS MONITOR / ANALYZER WITH APPLICATION SPECIFIC SENSOR TECHNOLOGIES CAPABLE OF CONTINUOUSLY MEASURING AND MONITORING TOXIC GASES, HYDROCARBONS & OXYGEN IN PROCESS, FLUE GAS OR AMBIENT AIR**



**Model no. 2620**

## FIELD MOUNTED MONITORS

The Field Mounted Monitor is a single gas multipurpose monitor that combines simplicity and high performance in a low cost, low maintenance package. The rugged NEMA 4X or 7X assembly is suitable for a variety of industrial, commercial and general purpose applications to monitor hazardous, toxic gases or oxygen in process flue gas or ambient air. Model 2620 single channel digital control modules are designed to supervise and display the status of a single integral or remote sensor assembly. It is housed in a NEMA 4X wall mount enclosure or Ex-proof enclosure. Model 2620, single channel controllers interface with industry standard two or three wire 4-20 mA sensor or other standard voltage / current sensor transmitters and provide the user with concentration display and two independent adjustable alarm levels. The 3½ digit LED or Alphanumeric LCD display can read the concentration. LEDs on the front panel provide indication of all three alarms.

The alarm relays can be programmed to be either latching or non-latching and to activate either as a rising or falling alarm. The relays are SPDT Form C type rated at 5 Amps to provide direct alarm action, reducing the need for interposing relays. Local alarm devices can be connected to the configurable on board alarms. The Fail-safe supervisory provides a reliable indication that the monitor is fully operational. The 'Fail safe' design monitors the input power and status of the power supply for the amplifiers. A failure of any one of these functions illuminates a 'Fault' LED. ENDEE offers 10 different sensor technologies, command of each of these technologies enables us to "Fit the Product to the Application", and assure long term service, reliability & optimal performance in every application.

## SPECIAL FEATURES

- Fast and accurate response
- Long Life Application Specific Gas Sensor Technologies
- Solid State Electronics
- Continuous Monitoring
- Two Alarm Levels
- Fail Safe Protection
- Recorder Output
- Integral or Remote mounting Sensor.
- Un-attended Operation
- Sampling by Diffusion or sample Draw Pump
- Flexibility to fit your application needs
- Interfaces with Industry Standard Transmitters

## SPECIFICATIONS

Type	: Field / wall mounting
Detectable gases / parameters	: Toxic, Explosives, Oxygen
Electronics / processor	: Micro-controller
Power supply	: 230 V AC, 50 Hz
Display	: Graphic LCD
Alarm	: LOW & HIGH visual alarms, adjustable
Output	: 4 - 20 mA Standard, RS 485, ETHERNET port
Technology	: Sensor Dependent
Resolution	: 1 %V/V, 1 %LEL, 0.1 PPM
Accuracy	: $\pm 2\%$
Response time	: Less than 30 sec
Operating temperature	: 0 to 55 °C
Sampling	: Diffusion / suction
Housing	: Plastic / Di-cast Aluminium
Accessories	: Data logger, cable, hooter-flasher, RS 232, RS 485, MODBUS

*Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.*  
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## ENDEE ENGINEERS PVT. LTD.

**Office & Works :** D/122, Ansa Industrial Estate, Saki-Vihar Road, Saki-Naka, Andheri (E),  
Mumbai - 400 072, Maharashtra, India. | Tel.: +91-22-4295 2180 / 81  
Email : [sales@endee-engineers.com](mailto:sales@endee-engineers.com)  
Website : [www.endee-engineers.com](http://www.endee-engineers.com)