

LC-100 SINGLE-CHANNEL CONTROL UNIT



The **LC-100** is a stationary, single-channel, wall-mounted control unit for the detection of over 150 different toxic and combustible gases for area air quality and safety applications. The **LC-100** can be used with many sensor technologies including **Solid State**, **Electrochemical**, **Catalytic Bead**, **Infra-red**, and more! A **Solid State** sensor can be self-contained inside the NEMA enclosure, or any sensor type can be used in conjunction with **IST's** standard sensor transmitter (**SM95**) or intelligent sensor transmitter (**4-20IQ**) for use in classified areas (**UL** and **CSA** Classified for Class I, Div. 1, Groups B, C, and D).

- Wall-mounted NEMA 4X Weatherproof Enclosure
- Dual Alarm LED's and relays. Optional failsafe or latching relays
- Optional 4-20 mA output
- Digital LED Display
- Easy and economical to use

TYPICAL APPLICATIONS FOR THE LC-100:

CARBON MONOXIDE MONITORING FOR BREATHING AIR SYSTEMS (MODEL LC-100-BCO)

- Includes a **Solid State** sensor with a 3 year sensor warranty
- Meets **OSHA** requirements for supply air monitoring
- Specially designed sensor and system for compressed breathing air
- Simple, reliable, durable, and economical
- Alarm points user settable (typically 10 PPM low alarm and 30 PPM high alarm)
- High-pressure (120 psi) and low-pressure inputs

LEAK DETECTION FOR REFRIGERANTS

- Can be outfitted with either **Solid State** or **Electrochemical** sensor for ammonia detection
- New HydroFluoroCarbons (HFC's) can be detected with **Solid State** sensors