

# BX616 Portable Multi-Gas Detector

## BX616

Multi-gas detector; with colorful display;  
one button operation

### Features:

- Color LCD Display
- Self-Test Function
- Confidence Beep
- Displays Time, Voltage and Low-Battery
- Adjustable Alarms
- Adjustable Calibration Points
- Separate Operation and Calibration Modes
- Two Instant Alarms with Audio, Visual and Vibratory Indicators
- STEL and TWA Alarms for CO and H<sub>2</sub>S
- One-Button Operation for Simple Use
- Strong, Durable Rubber Casing Provides Anti-Slip Handleability
- Detects CO, H<sub>2</sub>S, O<sub>2</sub> and Combustible Gas
- Rechargeable

### Specifications:

#### Range:

CO: 0-1000 ppm O<sub>2</sub>: 0-30% VOL

H<sub>2</sub>S: 0-100 ppm LEL: 0-100% LEL

#### Alarm Points:

CO: 35 and 200 ppm instant

TWA: 35 ppm STEL: 200 ppm

H<sub>2</sub>S: 10 and 15 ppm instant

TWA: 10 ppm STEL: 15 ppm

O<sub>2</sub>: 19.5% by Vol. decreasing and 23.5%  
by Vol. increasing

LEL: 20 and 50% LEL

Method of Detection: Diffusion or External pump  
sampling (optional)

Sensors: CO, H<sub>2</sub>S and O<sub>2</sub> Electrochemical

Display: Color quadrant LCD

Temperature Range: -20°C to +50°C

Humidity Range: 5 to 95% RH, non-condensing

Power: 3.6 VDC, lithium battery, rechargeable

#### Operating Time:

Approx. 8 hours, continuous, non-alarm condition

#### Charge Time:

Approximately 6 hours

Weight: 200g (7 oz.)

Dimensions: 66 x 116 x 31 mm (2.6 x 4.6 x 1.2 inches)

Explosion-proof Rating: Exia II CT4

Ingress Protection: IP 65



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