

# BX171 Portable Single-Gas Detector-One Year Maintenance Free

## BX171

Single gas detector; charging free design

### Features:

- Advanced MCU for Low Power Consumption
- LCD Display
- Self-Test Function
- Available for CO, H<sub>2</sub>S, O<sub>2</sub>
- Confidence Beep
- Single button operation
- No maintenance for calibration, battery charge
- Two Instant Alarm Points with Audio, Visual LED and Vibratory Indicators
- STEL and TWA Alarms
- Under low light, backlit lights basing on instruction or alarm status
- 3V Lithium battery can work continually for 6000 hours
- Ingress Protection: IP 66
- Applying for ATEX approval

### Specifications:

Range: CO: 0-1000 ppm O<sub>2</sub>: 0-30% VOL  
H<sub>2</sub>S: 0-100 ppm

#### 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

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

Sensors: Electrochemical

Display: LCD

Temperature Range: -20°C to +50°C

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

Power: 3.0 VDC CR123A lithium battery

Operating Time: Approximately 6000 hours

Weight: 132g

Dimensions: 91x 58 x 34 mm

Ingress Protection: IP 66

Approval:Applying for ATEX approval



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