



Portable Zeeman Benzene Analyzer

BA-15

For direct determination of benzene concentrations in air and gases

Principle of Operation

- ▶ Atomic absorption spectrometry with Zeeman background correction

Applications

- ▶ Industrial hygiene monitoring
- ▶ Fugitive emissions detection
- ▶ Precise benzene determination for PPE selection
- ▶ Benzene vapor measurement in ambient air

Features and Benefits

- ▶ Real-time measurements in air and gases
- ▶ Fully automated, simple to operate
- ▶ Highest selectivity and low detection limit
- ▶ Interference free measurement in presence of Toluene, Xylene and other VOCs
- ▶ Built-in datalogger (122 h), performance verification test cell and auto zero function
- ▶ Wide measurement range
- ▶ Controlled by keypad or computer via USB interface
- ▶ Rechargeable lithium battery, up to 12 hours of operation
- ▶ Rugged design for laboratory and field

Technical Specifications

Measurement Range	Average Interval	Zero Drift Correction	Air Flow Rate
0.1 - 500 mg/m ³	1 s - 5 min	Automatic	7 - 10 L/min

Dimensions	Weight	Power Supply	Power Consumption
470 x 110 x 210 mm	7 kg / 15 lbs	90 - 240 VAC, 50/60 Hz, 12 VDC	40 W

