

# BA-15



## Portable Zeeman Benzene Analyzer

Direct Measurement of the Benzene Concentration in Air & Gases



### PRINCIPLE OF OPERATION

Differential absorption spectrometry with the direct Zeeman effect for interference-free measurement of the benzene concentration in air and gases.

### FEATURES AND BENEFITS

- ❖ Simple to operate, fully automated, self-validating analyzer
- ❖ Rugged/Versatile design for indoor and field applications
- ❖ Real-time operation mode
- ❖ Low detection limit and high selectivity
- ❖ Built-in test cell and auto zero function
- ❖ Wide automatic measuring range
- ❖ Controlled by a keypad or a computer via USB interface
- ❖ Data logger for 122 hours of data acquisition, averaging, and storage
- ❖ Rechargeable battery for up to 12 hours operation



## ANALYTICAL SPECIFICATIONS

Continuous measurement in air (gas) flow

Measurement range	0.1 – 500 mg/m <sup>3</sup>
Averaging interval	1 s – 5 min
Zero drift correction	Automatic
Air flow rate	7–10 L/min

## SPECIFICATIONS

Dimensions	470x110x210 mm
Weight	7 kg
Power supply	90–240 VAC, 50/60 Hz, 12 VDC
Power consumption	40 W

## DELIVERY SET

BA-15 portable benzene analyzer comes with the Monitoring Data Viewer software, charger, shoulder bag, intake hose/filter, cables, manual.

## WARRANTY

BA-15 analyzer is covered by 12-months limited warranty.

## SERVICES

Upon request, installation and commissioning of BA-15 analyzer can be carried out at Customer's site.

Support and training of operators, meeting Customer's specific needs, are provided by highly qualified application engineers worldwide.

**LUMEX**  
INSTRUMENTS

The information and specifications in this publication are subject to change without notice.

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