



### BM25 Transportable Area Multi-Gas Detector

This gas detector is capable of monitoring from one to five gases through diffusion or sample draw.

The BM25 packs the benefits of a fixed -system area monitor into an easily transportable, yet rugged, instrument.

#### Features & Benefits

- ✓ Powerful audible alarm (103 dB @ 1 m) coupled with an ultra-bright visual alarm beacon produces clear warning
- ✓ Easily transportable - less than 7 kilos
- ✓ Simultaneous display of all gases monitored provides confidence and ease of use
- ✓ P66 Ingress Protection Rating

#### Key Applications

- ✓ Monitor gases in areas where workers may be at risk

#### Technical Specifications

Dimensions	470 x 180 x 190 mm
Weight	6.8 kg
Case Material	Impact resistant polycarbonate

#### Sensors

Combustible Gas: Catalytic Diffusion  
Methane, Propane, Butane, Isobutane,  
Pentane: Infrared

Oxygen and Toxic Gases: Electrochemical  
CO2: Infrared  
Isobutylene

#### Power

NiMH (170 hours maximum operating time, 100 hours typical) 4.5 hours, typical

#### Power

**ATEX:** II 1 G I EEx ia IIC T4; I M1 I EEx ia I or (when used with IR flameproof sensor), II 2 G I EEx ia d IIC T4; I M2 I EEx ia d I

**IECEX:** Ex ia IIC T4 I Ex ia I (BM25 without IR sensor)  
Ex ia d IIC T4 I Ex ia I (BM25A without IR sensor)  
or (when used with IR flameproof sensor)  
Ex ia d IIC T4 I Ex ia d I (BM25 and BM25A)

**CSA:** Class I, Groups A,B,C,D T4; Ex ia d IIC T4; C22.2 No. 152 (excluding aspirated, XP IR and PID sensor configurations)

**INMETRO:** BR-Ex iad IIIIC T4 (excluding XP IR and PID sensor configurations)

#### Alarms

103 dB@ 1 meter  
Ultrabright LED beacon visible 360 degrees

