



PORTAFID[®] M3 / M3K | Flame ionisation detectors for detecting leaks in gas pipes



Features

The **PORTAFID® M3 / PORTAFID® M3K** portable flame ionisation detector is the perfect tool for surveying gas pipes. Reliable and highly accurate, resistant to interference from moisture and hydrocarbon specific.

The **PORTAFID® M3** has a 0.1 l fuel gas bottle housed under the detector and the **PORTAFID® M3K** carries a larger 0.4 l fuel bottle in an ergonomic back harness.



Application

- Inspecting gas pipes for leaks
- Detecting gas on landfill sites

Advantages

- Automatic ignition on switch-on/manual re-ignition
- Automatic zero point setting
- Linear display from 0 – 10,000 ppm
- Adjustable alarm threshold
- Automatic alarm activation
- Volume flow and flame monitor
- 2-step pressure regulator with high pressure stability
- Fuel gas operating time (**PORTAFID® M3** only) and remaining operating time displayed
- Adjustment options of 10, 100, 1,000 or 10,000 ppm methane
- Measurement values can be output using the RS-232C interface (connection option for PC, GPS and Leakplotter systems)
- Illuminated liquid crystal display
- Analogue and digital measured values displayed
- Automatic and manual measuring range changeover
- Slider for displaying maximum concentration
- 8 hours' operating time (rechargeable battery) with pump running
- Fully charged within 2.5 hours

Operating time:

| | Volume | Fuel gas 40 % H ₂ / 60 % N ₂ | Fuel gas 100 % H ₂ |
|----------------------|--------|--|-------------------------------|
| PORTAFID® M3 | 0.1 l | 5 h | -- |
| PORTAFID® M3K | 0.4 l | 25 h | 50 h |

Accessories:

- CEJN and Rectus probe connection included
- Charger for 12, 24 and 230 volts and car charging cable
- Carrying case
- Carpet probe and bell probe
- Testing technique
- Fuel gas bottles
 - 40 % hydrogen H₂ / 60 % nitrogen N₂ (0.1 l and 0.4 l)
 - 100 % hydrogen (0.4 l)



Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.