

## **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. It is reliable and highly accurate, resistant to interference from moisture and is 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 <sub>2</sub> / 60 % N <sub>2</sub>	Fuel gas 100 % H <sub>2</sub>
<b>PORTAFID® M3</b>	0.1 l	5 h	--
<b>PORTAFID® M3K</b>	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 H<sub>2</sub> / 60 % nitrogen N<sub>2</sub> (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.