

PORTAFID® M3-K

Flame ionisation detector for inspecting
underground gas pipes





Features

The **PORTAFID® M3-K** portable flame ionisation detector is the perfect tool for above-ground inspections of underground gas pipes. It is reliable and highly accurate, resistant to interference from moisture and only responds selectively to hydrocarbons. The **PORTAFID® M3-K** features a 0.4 l fuel gas bottle, which is carried separately on the user's back.

Application

- Inspecting gas pipes for leaks
- Detecting gas leaks on the surface of landfill sites and old waste deposits

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
- Remaining operating time displayed
- Adjustment options of 10, 100, 1,000 or 10,000 ppm CH₄
- Measurement values can be output using RS-232C interface (connection option for PC, GPS and leak plotter systems)
- illuminated liquid crystal display
- Analogue and digital measurement display
- 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 of the fuel gases:
 - 40 % hydrogen H₂ / 60 % nitrogen N₂ (0.4 l) approx. 25 hours
 - 100 % hydrogen H₂ (0.4 l) approx. 50 hours

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
- Test technology
- Fuel gas bottles
 - 40 % hydrogen H₂ / 60 % nitrogen N₂ (0.4 l)
 - 100 % hydrogen H₂ (0.4 l)

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