

# MicroFID Flame Ionization Detector

PHOTOVAC



Prod # 1531



CSA Approved -  
Class I, Div 1,  
Groups A,B,C & D

The Photovac MicroFID Portable VOC analyzer combines flame ionization technology with powerful STAR 21 data management software, for compliance to EPA Method 21 Fugitive Emissions Monitoring standards.

The MicroFID provides real-time numeric readings (0.1 to 50,000 ppm) on a LCD. A built-in hydrogen fuel cylinder allows up to 10 hours of operation without recharge. The snap-on battery pack provides 10 hours of capacity.

## Features:

- Detects low concentrations of VOCs (to 0.1 ppm)
- Intrinsically safe
- LCD with backlight
- Field removable battery pack allows extended operation
- Built-in data logging to EPA method 21
- Automatic calibration

## Applications:

- Fugitive emissions monitoring
- Waste-site screening
- Ground-water testing
- Regulatory compliance
- Industrial hygiene monitoring
- Air quality testing

## Accessories:

### • Standard

- Battery charger
- Carrying case
- Short probe
- Hydrogen filling adapter
- Shoulder strap
- Spare battery
- Spare filters
- Tedlar bags

### • Optional

- Download cable
- Calibration kit
- Software

## Specifications:

Range	: 0.1 to 50,000 ppm methane equivalence (2 ranges)
Detection limit	: 0.5 ppm Methane
Accuracy	: $\pm 0.5$ ppm or $\pm 10\%$ of methane concentration
Response time	: Less than 3 sec (to 90% FS)
Dimensions	: 43.5 cm x 9.8 cm x 18.8 cm (17.1" x 3.8" x 7.4")

Weight	: 3.7 kg (8.1 lbs)
Display	: 2 Line, 16 Character dot matrix
Alarms	: On alarm, low battery and FID flame-out
Fuel capacity	: 10 hrs
Battery	: Sealed rechargeable lead-acid
Battery life	: 10 hrs
Analog output	: 0 - 1 Volt full scale