



Benefits

The GeoFox FID-GC is a digital flame ionization detector designed for and used in Surface Logging applications. This small portable gas chromatograph has excellent peak separation and with C₁-C₆ detection in 60 seconds with a single column. The FID is fully WITS compatible, has flame out detection, hydrogen shutoff safety valve, and exports CSV, TXT, and LAS files.

Please remember that Surface Logging is more than just simple gas detection. Raw data from the rig must be interpreted and edited by a professional geologist in order to produce a valid mud log. The ability to edit data and display it in a meaningful form is what distinguishes a logging instrument from a simple rig-based gas detector.



Features

- Analysis of C₁-C₆ in 60 seconds
- Automatic calibration
- Hydrogen shutoff safety valve
- Flame-out detection
- Portable
- Built-in integration software
- Web based User Interface
- Output CSV/LAS/TXT and WITS serial
- Input serial WITS
- Ethernet communication
- Detection of C6+
- Digital Mass Flow Controller for Hydrogen
- Digital Mass Flow Controller for Makeup Air

Specifications

- Analysis Time: 60 seconds
- Detector: FID
- Oven Temperature (typical): 50 °C
- Dynamic range: 5ppm to 100% methane
- Dimensions: 8"x5"x12"
- Weight: ~8 lb

Requirements

- Hydrogen: 30cc/min, 50PSI
- Clean Dry Air: 200cc/min, 60PSI (HC + moisture free)
- Sample: 100cc/min (moisture free)
- Power 110V/60Hz 75W

