



7610 Edgeway Drive
Houston, Texas 77055
Tel: (713) 957-2644

Acquisition Solutions^k

acqsol@flash.net www.acqsol.com

Scientific Instrument Designs

Geo-Fox equipment for mud logging ...

GC-FID (patent pending)

This small portable gas chromatograph comes with good peak separation, wide-scale range, and a good sensitivity for the detection of hydrocarbon. It uses a flame ionization detector (FID) to measure C1-nC5 within 90 sec. This GC combines key features for mud-logging applications such as: ease of use, speed, LAS file format and WITS data stream. It makes a great tool for the mud logger.

Features:

Analysis of C1-nC5 Hydrocarbons in 90Seconds.
C1-nC4 within 60Sec. Automatic calibration.
Portable. Built-in integration software. Output CSV/LAS/TXT and WITS serial. Input serial WITS into database. Hydrogen shutoff safety valve. Ethernet comm.
Optional: 60sec Analysis time, Detection of C6, Total hydrocarbon and CO2 analysis.

Specifications:

Analysis Time: 90 seconds
Detector: FID
Oven Temperature(typical): 50 °C
Dynamic range: 10ppm to 100% methane
Dimensions: 12"x8"x5"
Weight: 10 pounds

Requirements:

Hydrogen(typical): 30cc/min , 50PSI
Air(typical): 200cc/min, 70PSI (Hydrocarbon + moisture free)
Sample: 100cc/min (moisture free)
Power 110V/60Hz 75W

