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STRATAGRAPH

Accurate Data, Reliable Solutions

Specifications: Total Hydrocarbon Analyzer Model THA 2000 FID

DATA

The THA 2000 FID is a flame ionization detector that continuously detects, measures and displays the total hydrocarbons in the gas samples extracted from the well bore. The THA contains a high performance pump for the sample delivery, temperature controller, and a digital readout. The THA contains a four way manual select valve for directing the well sample and up to three different calibration gases directly to the detector at the touch of one lever.

GENERAL SPECIFICATIONS:

- Analysis method: Flame Ionization Detection (FID)
- Sensitivity: <1 OOppm CH4 to 100% CH4 (Methane)
- Ranges: X1 , X2, X5, X10, X50, X100
- Linearity: +/- 2% Full Scale
- Zero Drift: <1 % Full Scale/24 HR
- Span Drift: <1 % Full Scale/24 HR
- Display: Digital 0-10,000 Gas Units
- Outputs: 0, 1V/0-10,000 Units Non Attenuated, 0-1 OOmV, 0-1V Attenuation, Flame Out Relay, Concentration Relay

FUEL/AIR REQUIREMENTS:

- Fuel: Hydrogen 100%, 20cc/min @ 30 psi
- Air: Filtered 250cc/min @ 50 psi

SAFETY SPECIFICATION:

- Flame On Indicator (LED)
- Flame On Alarm
- Flame Out Alarm w/Auto Fuel Shutoff
- Gas Unit Concentration Alarm - Simple Set Point Adjust

PHYSICAL SPECIFICATION:

- Case: 19" Rackmount - 8. 75H X 20.5"D
- Weight: 341bs

ELECTRICAL SPECIFICATION:

- Supply Voltage & Frequency: 115VAC +/- 10% 50/60 Hz
- Input Receptacle: Standard IEC 320 with RFI/EMI Filtering

