

# PlasmaDetek

# GC Detectors



## LD2000

Download the complete specification and technical data sheet (2 346 ko)



## ONLINE TRACE TOTAL HYDROCARBON ANALYZER

The LD2000 is an easy to use instrument that offers the ideal solution for the total hydrocarbon measurements. Its compact and robust design perfectly fit on any industrial installation. The LDetek FID and electronic platform bring the performances required by the market.

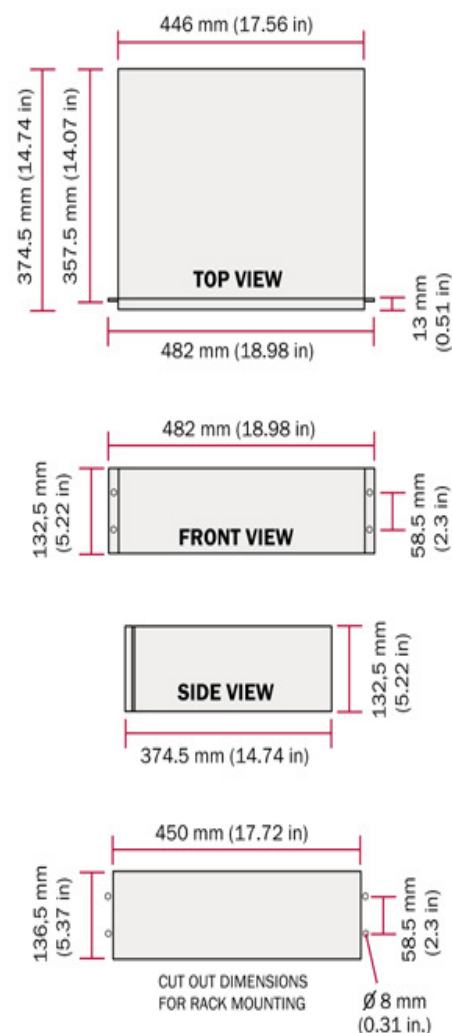
### THE LD2000 SPECIFICATION

DETECTOR TYPE	• Flame Ionisation Detector
RANGE	• 0 – 10 ppm> • 0 – 100 ppm • 0 – 1000 ppm • Other range possible
REPEATABILITY	• < 1% full scale
ACCURACY	• Better than ± 1% full scale
STANDARD FEATURES	• Manual or autoranging (user selectable) • Microprocessor controlled • 5.6" TFT intelligent LCD module with Touch Screen • Self diagnosis system with auto-resolve alarm • 4-20 mA isolated output • Alarm Historic • Digital outputs for remote monitoring: (all dry relay contacts) - System status (1 output) - Range in use (3 output) - Calibration in use (1 output)
OPTIONS	• Serial port: RS-232 / 422 / 485 / Profibus • 2 alarm outputs (user programmable set point)
GAS CONNECTIONS	• Sample: 1/8" compression fittings • Vent: 1/8" compression fitting
CALIBRATION GAS	• Zero: LDP1000 purified gas (Getter) • Span: 80%-90% of full scale of methane
SAMPLE FLOW REQUIREMENTS	• 50 to 200 sccm
AIR FLOW REQUIREMENTS	• 200 to 600 sccm
FUEL FLOW REQUIREMENTS	• 40 to 150 sccm
RECOMMENDED MAXIMUM OPERATING PRESSURE	• 40 PSIG
RECOMMENDED MINIMUM OPERATING PRESSURE	• 10 PSIG
OPERATING TEMPERATURE	• 10 °C to 45 °C
SUPPLY	• 115 VAC, 50 – 60 Hz or 220 VAC, 50 – 60 Hz
POWER CONSUMPTION	• Maximum 50 watts
DRIFT	• < ± 1% over 24 hours
WEIGHT	• 27 lbs (12 kg)

### THE LD2000 FEATURES

- LDetek FID design offering low maintenance
- Bootloader integrated for software update via Ethernet
- Large scale measurement
- 4-20 mA output as standard
- Range Identification Relay
- Unique LDetek Electronic flow controller design
- 3U cabinet

### THE LD2000 DIMENSIONS



### THE LD2000 ORDERING INFORMATIONS