

HT405P / HT280P Portable Meter

Oil in Water Measurement

Customer inspired innovation



Leveraging decades of innovation experience in the Oil & Gas industry, Inov8 Systems have developed the most sophisticated Portable Oil in Water measurement device available today. The HT405P/HT280P is the only Handheld Hydrocarbon measurement device that utilises a full scale spectrometer for measurement.

Features

- All-in-one Hand Held Portable & Benchtop Device
- Built-in rechargeable battery
- Integrated 10.1" Touchscreen Colour Display
- Linux based PC operation
- Simple Intuitive Interface for set-up and control
- 1.8kg weight
- Flexible, Durable Probe for Measurement
- Results can be correlated to official lab methods (USEPA 1664B and ISO 9377-1)
- Full real time Spectrometry for measurement and analysis
- Continuous real-time measurements with Immediate results
- 12 months standard warranty
- Hydrocarbons measured: Crude Oil, Gas Condensate, PAH's, Phenol's, lubricants

Technical Specifications



OPERATING CONDITIONS:

Ambient Temperature	0°C to 40°C
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MECHANICAL:

Dimensions	266mm x 175mm x 40mm
Probe Length	80mm
Cable Length	0.7m
Weight	1.8kg
Wetted Parts	SS Standard

COMMUNICATIONS:

Bluetooth
Wifi

ELECTRICAL:

Power Source	Built-in rechargeable battery
Charging Port	DC Jack
Supplied with 110/230VAC to 24VDC charger	

MEASUREMENT:

Light Source	Solid State CW 5mW Laser or Deep UV LED
Measurement Method	Fluorescence Spectrometry
Range	1-1,000* ppm
Accuracy	+/- 1%
Sample Rate	< 1 sec
Repeatability	< +/- 1%
Calibration	Multiple Calibrations Stored
Stores results	

*dependent on oil type

COMPLIANCE:

UKCA/CE marked
