



# HT280C Portable Meter

## Oil in Water Measurement with both Surfactant & Solvent Capabilities

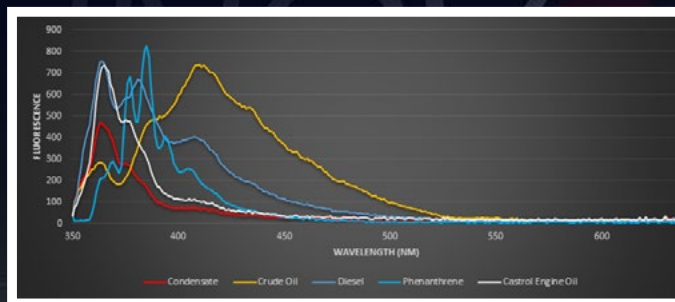
**Leveraging decades of innovation experience in the Oil & Gas industry, Inov8 Systems have developed the most sophisticated Portable Oil in Water measurement device available today. The HT280C is the only Handheld Hydrocarbon measurement device that utilises a full scale spectrometer for measurement.**



## Features

- All-in-one Hand Held Portable & Benchtop Device
- Built-in rechargeable battery
- Integrated 10.1" Touchscreen Colour Display
- Linux based operating system
- Simple Intuitive Interface for set-up and control
- 1.8kg weight
- Flexible, Durable Cuvette for Measurement
- Results correlate 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



## MECHANICAL:

Dimensions	266mm x 175mm x 40mm
Cable Length	0.7m
Weight	1.8kg

## MEASUREMENT RANGE:

Surfactant method	<ul style="list-style-type: none"> <li>0 - 1000 PPM, With a regular 3.5ml Cuvette (standard cuvette)</li> <li>Handhelds can be calibrated up to 1000PPM, 0-10PPM, 0-50PPM, 0-100PPM,</li> <li>For calibration purposes and sample preparation 1:1 surfactant to oil</li> </ul>
Extraction method	<ul style="list-style-type: none"> <li>0 - 100 PPM: 1:5 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a standard 3.5ml cuvette</li> <li>0 - 500PPM: 1:1 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a standard 3.5ml cuvette</li> <li>0-1000PPM: 1:1 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a 0.35ml micro cuvette</li> </ul> <p><b>NOTE:</b> 0.35ml cuvette required for samples 500-1000ppm</p>

## COMPLIANCE:

UKCA/CE marked
----------------

## ELECTRICAL:

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

## OPERATING CONDITIONS:

Ambient Temperature	0°C to 40°C
---------------------	-------------

## MEASUREMENT:

Light Source	Deep UV LED
Measurement Method	Fluorescence Spectrometry
Range	1-1,000* ppm
Accuracy	+/- 1%
Sample Rate	< 1 sec
Repeatability	< +/- 1%
Calibration	Multiple Calibrations Stored

\*dependent on oil type

## COMMUNICATIONS:

Bluetooth
Wifi