



# HT280C Portable Meter

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

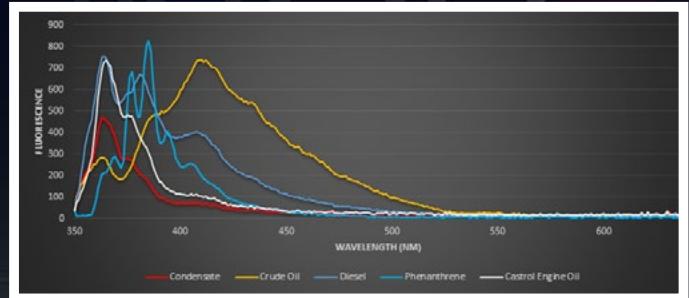
Leveraging decades of innovation experience in the Oil & Gas industry, Inov8 Systems have developed the most sophisticated Portable Oil in Water measurement device available today. The HT280C is the only Handheld Hydrocarbon measurement device that utilises a full scale spectrometer for measurement.



### 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

- 0 – 1000 PPM, With a regular 3.5ml Cuvette (standard cuvette)
- Handhelds can be calibrated up to 1000PPM, 0-10PPM, 0-50PPM, 0-100PPM,
- For calibration purposes and sample preparation 1:1 surfactant to oil

Extraction method

- 0 -100 PPM: 1:5 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a standard 3.5ml cuvette
- 0 – 500PPM: 1:1 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a standard 3.5ml cuvette
- 0-1000PPM: 1:1 Ratio of solvent to Produced Water Sample, Extracted 3 times, in a 0.35ml micro cuvette

**NOTE:** 0.35ml cuvette required for samples 500-1000ppm

## 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