

# GPS Oil in Water Analyser

## Intelligent Control - Side Stream

Customer inspired innovation

Leveraging decades of innovation experience for the Oil & Gas industry, Inov8 Systems introduce the next generation of products for an evolving market with dynamic demands.

### Features

- New **RapidWave™** ultrasonic self cleaning
- Low power DC voltage requirements - other options including AC available
- Multiple Communication options for Management Capabilities
- Small footprint only requiring front access for easy maintenance and installation
- Large user configurable colour display
- Less than 25KG weight

### Benefits

- Low cost of ownership with no regular maintenance, no routine calibration and no added chemicals
- Simple to use interface for set-up and control
- Wall, rack or stand mounting options
- Minimal installation requirements (24VDC)
- Remote Monitoring and Automatic Process Control
- Continuous real-time measurements; <1 sec response time to process changes
- 24 month standard warranty





# Technical Specifications

## OPERATING CONDITIONS:

Ambient Temperature	-20°C to +55°C
Process Temperature	0°C to +150°C
Design Pressure	20barg (higher options available)
Standard Operating Pressure	0 - 10barg (higher options available)
Flow Velocity	0.5 – 10 m/s

## MECHANICAL:

Dimensions	W268mm x H353mm x D177mm
Weight	<10KG
Process Connections	¾" NPT (other available)
Wetted Parts	316L SS Standard (others available)
Non-Wetted Parts	316L SS
Enclosure	IP66

## MEASUREMENT:

Light Source	Solid State CW 5mW Laser or Deep UV LED
Measurement Method	Fluorescence Spectrometry
Range	PPB - 10,000 ppm*
Range (Deep UV)	PPB - 10,000ppm*
Accuracy	+/- 1%
Sample Rate	< 1 sec
Repeatability	< +/- 1%

\* Under controlled conditions and dependent on API of oil

## ELECTRICAL:

Standard Power Voltage/ Current	24VDC / 6A (230/110 VAC 50/60Hz option available)
Power Consumption	DC 20W nominal, 140W peak AC 15W nominal, 84W peak
Cable Entries	3 x M20 1 x M25

## COMPLIANCE:

### Directives:

- 2014/68/EU Pressure Equipment Directive, module A1
- 2014/22/EC Measuring Instruments
- 2014/30/EU EMC Directive
- IMO MEPC 107(49) + DNVGL-CP-0485
- ISO9001:2015

## CONTROLLER INTERFACE:

Analogue	4-20mA, HART, Modbus TCP/IP
Ethernet	10 Mbps
Wifi	
Digital	2 x Volt free contacts