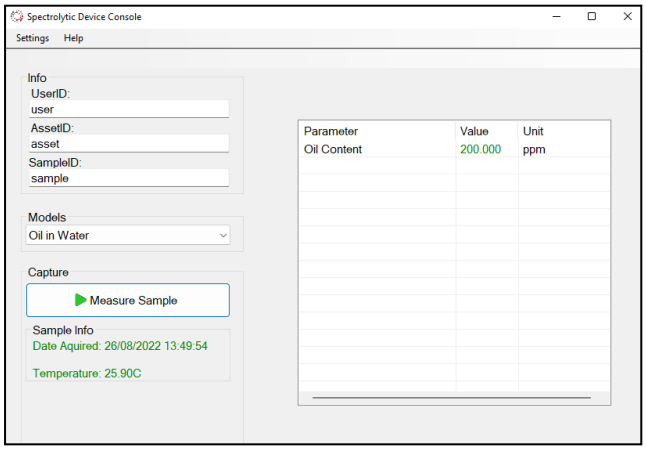
FluidInspectIR®
PORTABLE by Spectrolytic

# FluidInspectIR®
## Portable Oil In Water Analyser




## How to use

The 2-3ml of oil sample is dispensed into the inlet tubing of the flow-cell via a syringe. The flow-cell is placed into the analyser and the measurement is started from the software.

The software is an easy-to-use GUI ran from a Tablet / Laptop (windows 10).

## Summary Information

- Measurement of Oil in water (TOG)
- Detectable range of 50-5000ppm
- Correlates to ASTM D7066-04
- Solvent Extraction Method
    - S-316
- Portable and battery operated

## Application

The FluidInspectIR® analyser measures the total oil (Fats, oils greases) concentration in water samples with the same accuracy as conventional oil laboratories reports. The usual extraction method of oil in water is by pre-mixing the sample with a suitable solvent and extracting a sample of oil/solvent mixture to be measured on the analyser.

## Specification

**GUI:** Software Console provided for running on windows 10 based laptop / tablet (tablet can be provided as option)

**Ambient operating temperature and humidity range:** 0-70C non -condensing

**Power requirement:** 230VAC for mains charging. 2500mAH LiPo battery in device

**Internal battery capability typical runtime:** 250 sample measurements between charge

**Compliance:** Correlates with ASTM D7066(04)

**Cuvettes:** 1x Cuvettes (flow-cells)

**Consumables:** Syringes for oil dispense (5ml)

**Sample volume:** 2-3ml

**Sample Preparation:** Mix water analysis sample with suitable solvent and extract solvent/oil mixture.

**Measurement range:** 50 to 5000ppm

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