

# TD-550/560

## OIL IN WATER ANALYZER

### The new standard in grab sample oil in water analysis

#### TD-550

With its greatly enhanced detection range (low ppb to 5000 ppm), the TD-550 is ideal for quick, portable analysis of crude and other heavy oils.

#### TD-560

In addition to the optical channel found in the TD-550, the TD-560 features a second channel for detecting lighter hydrocarbons, such as BTEX, gas condensates, gasoline, jet fuel, kerosene, transformer oils, styrene and phenol.

#### FEATURES

- Low cost per sample analysis
- Large full-color touch screen interface
- Advanced data logging and graphing capabilities
- Compatible with all popular extraction solvents and Benchmark's No-Solvent Method
- Results can be correlated to official lab methods such as USEPA 1664A and ISO 9377-1



Simple  
Accurate  
Flexible

#### APPLICATIONS

- produced water
- cooling water
- oil in soil analysis
- steam condensate
- discharge compliance
- waste water
- intake protection
- storm water
- treatment verification



**Benchmark**  
Measurement Solutions

Formerly Turner Designs Hydrocarbon Instruments

**#1 Worldwide**  
for process and environmental  
oil in water monitors

## SPECIFICATIONS

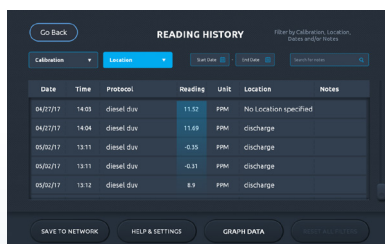
Common Target Oils	<p>TD-550: crude oil, diesel, lubrication oils and fuel oils</p> <p>TD-560: all oils listed for the TD-550 plus gas condensates, BTEX, gasoline, styrene, phenol, jet fuel, kerosene, heat transfer fluids and hydraulic oils</p>
Detection Range	5 ppb to 5000 ppm (dependent on target oil)
Power	External power supply: 90–240 VAC and 6–8 hours on battery
Data Output	USB and Micro SD card
Calibration	Direct and raw
Display Units	ppm, ppb, mg/l, ug/l, raw
Approvals	CE
Data Logging and Graphing	<p>Stores multiple calibrations and site locations</p> <p>Records each sample analyzed with time stamp, location and results for fast lookup</p> <p>Sort by date, location or calibration</p>



## ADVANCED INTERFACE



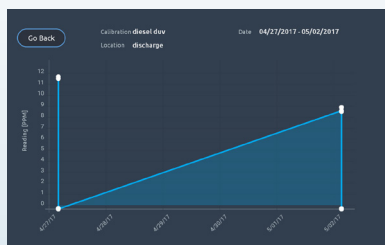
Analyze samples quickly with saved calibration.



Filter data by calibration, location or date.



Select channel, cuvette and extraction ratio.



Graph filtered data from reading history.



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**Benchmark**  
 POSITIVELY IMPACTING THE WORLD'S  
 MOST PRECIOUS RESOURCES

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