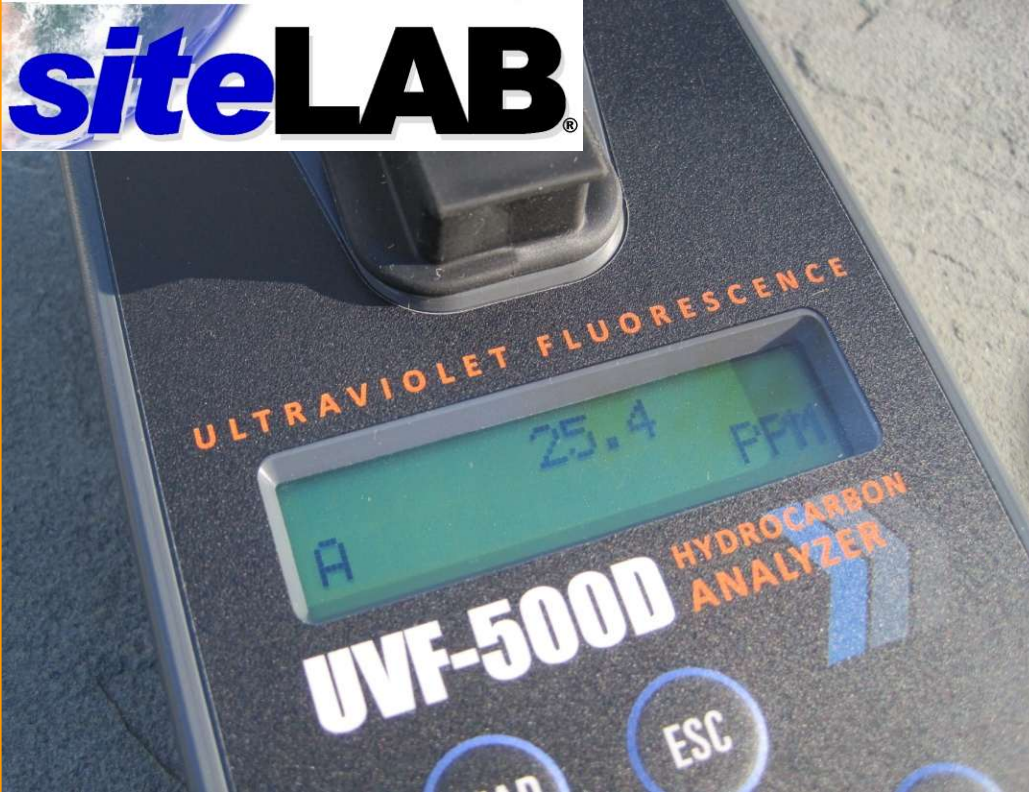




MODEL NO. UVF-500D, PART NO. 50200 INSTRUMENT SPECIFICATIONS

Weight & Dimensions:	14 oz (0.4 Kg); 1.75" x 3.5" x 7.25" (4.5 cm x 8.9 cm x 18.4 cm).
Power Requirements:	4 x AAA batteries (included). Battery life >1,000 measurements.
Operating Temperature:	40°F to 105°F; 4°C to 40°C.
Principle of Operation:	Ultraviolet Fluorescence (UVF), dual channel spectrophotometer.
Detector:	Factory-installed photodiode sensor.
Light Source:	Light Emitting Diodes (LED), Channel A and Channel B.
Optical Filters:	Two sets of factory-installed excitation and emission filters.
Compounds Detected:	Polyaromatic hydrocarbons in the C15 to C50 carbon range.
Detection Limits:	Minimum detection limits in low ppm range, 5 ppm to 0.05 ppm. No upper limit, samples above calibration are diluted for analysis.
Display:	16 x 2 character LCD (2.5" x 0.6"; 6 cm x 1.5 cm).
Readout:	Measures concentrations in PPM units (mg/L or mg/Kg).
Date Output:	Not available. Record results manually.
Diagnostics:	Displays percent fluorescence scale (%FS); important sensitivity values for calibration standard and blank.
Cuvettes:	Uses disposable glass cuvettes, adapters available for 2 sizes.
Solvents:	Compatible with hexane, methanol and all other popular solvents.
Calibration:	Single-point and blank. 100 ppm TPH solid standard included.
Blank:	Reads and subtracts solvent blank.
Response Time:	5 Seconds.
Automatic Power Down:	After 3 minutes of inactivity
Alarms:	Low battery, circuit failure, high blank, over readings.
Warranty:	One-year warranty, parts and labor.
Approvals:	CE, UL and C-UL. ISO 9001 manufacturing. Made in USA 

Manufactured for Sitalab Corporation by Solinst Water Technologies (formerly Turner Designs, Inc.), San Jose, California

Distributed Worldwide by Obstitech ApS, Esbjerg, Denmark

Solinst®
Water Technologies
Formerly Turner Designs
Industry leaders in fluorescence instrumentation for over 50 years



HAND HELD HYDROCARBON ANALYZER

APPLICATIONS

Test TPH in crude oils, fuel oils, waste oils, creosote, coal tars, bitumen and many other petroleum contaminants with heavy PAH compounds. Ideal for:

- Produced water optimization
- Monitor storm water, waste water
- Clean water verification
- Test oil in water, oil in soil on-site!

QUICK RESULTS

Samples only take a few minutes to extract in solvent and analyze. Test kits and other supplies are available.

ACCURACY

Test results correlate well to U.S. EPA Method 1664 Oil and Grease, and other regulatory lab methods.

**FAST
ACCURATE
EASY TO USE**

