

# NEW!

## HAND HELD HYDROCARBON ANALYZER

### 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

### 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!

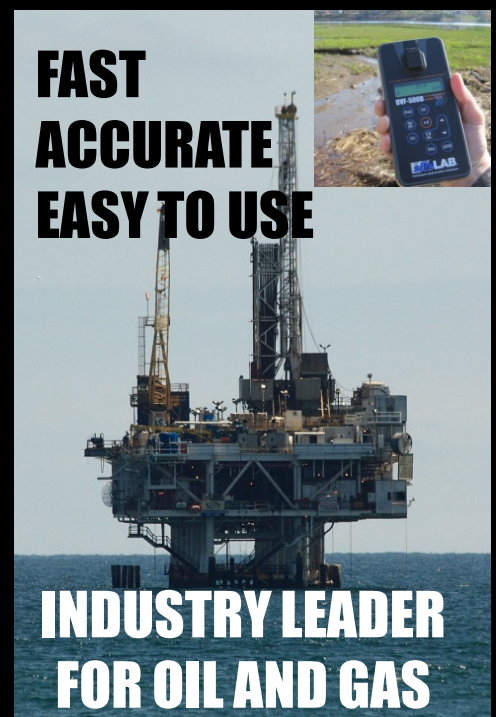
### QUICK RESULTS

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**



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FOR OIL AND GAS**

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