



# WL550 Oil Water Interface Meter

Hydrocarbon Detection Probe and Flat Tape Measuring Reel



- Precision measurement, simplicity, and durability
- Highest quality steel core engineering tapes
- External water sensitivity adjustment
- Automatic sleep function
- Smart electronics ignore severe scratches, condensation and dripping oil
- Easy access battery drawer
- Audio alert beeper and LED indicate contact with the water

## Description

Global Water's WL550 Oil/Water Interface Meters measure the depth and thickness of floating (LNAPLs), sinking (DNAPLs) hydrocarbons and water in monitoring wells as small as 1/2" ID (12.5 mm) using an optical probe for industry leading accuracy. All WL550 probes are pressure proof and leak proof using a unique triple-seal design.

Using state-of-the-art electronics, the WL550 Meters deliver reliable, rock solid performance in the field. The probes use infra-red refraction to detect hydrocarbons and conductivity to detect water. For heavy viscous oils, the meters can detect water quickly by increasing the external sensitivity control. For highly conductive water (brine), decreasing the sensitivity control prevents bridging so the meter does not interpret a moist probe as being in water. While all water level meters have a water sensitivity adjustment, most other oil water interface probes do not have this feature.

The triple-sealed probes do not need to be accessed by the user. Using "smart electronics" the probes will ignore any damage to the optical lens and continue to perform. Similar to a water level meter, the WL550 meters produce a solid tone in water and an intermittent light and tone in the presence of hydrocarbons. This system doubles the battery life and provides better overall performance.

## Specifications

*Tape Graduation:* 1/10 ft and 1/100 ft (1 cm and 1 mm)

*Tape Material:* Flat spring steel with clear kynar jacket

*Detection Limit:* 0.02 inch (0.5 mm) layer thickness

*Accuracy:* 0.008% or better

*Signal:* Audible buzzer and light

*Battery:* 9 V battery

*Battery Life:* 180 hours

*Auto Shut Down:* Unit powers down after 10 min

*Probe Diameter:* 5/8 inch OD (16 mm)

*Shipping Weight:* 300 ft (100m) tape: 9 lbs (4 kg)

*Shipping Size:* 12" x 14.5" x 8.5" (31 x 37 x 22 cm)

## Options and Accessories

### WL550

Water Well Level Sounder

(Specify length upon order placement)

**50 feet (15m)**

**100 feet (30m)**

**150 feet (50m)**

**200 feet (60m)**

**300 feet (100m)**

**400 feet (120m)**

**500 feet (150m)**

Other ranges available please call. Also, call for 7/16" diameter probe.

**Regional Distributor**



**Global Water**

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