

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.

Contact
 Global Water
 for all your
 instrumentation
 needs:

Water Level

Water Flow

Water Samplers

Water Quality

Weather

Remote Monitoring

Control



Global Water

a xylem brand

In the U.S. call toll free
 at 1-800-876-1172
 International: 1-979-690-5560
 Fax: 1-979-690-0440
 Email: globalw@globalw.com

Visit our online catalog at:
www.globalw.com
 Our Address:
 11390 Amalgam Way
 Gold River, CA 95670