

# INT-Oil/Water Interface Meters

The INT series OIL/WATER INTERFACE METER measures 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 sensor for industry leading accuracy.

Interface meters are available with 50-2000 foot tapes with probe sizes not available from any other manufacturer. All probes are pressure proof and leak proof using a unique triple-seal design.

## ADVANTAGES

- *the most accurate tapes available*
- *the best choice of probes*
- *purpose built rugged reel*
- *field proven design*

## BEST PERFORMING ELECTRONICS AND CHOICE OF PROBES

**BEST SELECTION** of probes to cover every monitoring project from our 5/8" probe for standard wells to our unique 7/16" probe for 1/2" ID wells used with Direct Push drill rigs.

**IMPACT RESISTANT** - More impact resistant than probes using glass. Impact proof sensors resist all solvents found in environmental monitoring.

**CHEMICALLY RESISTANT** - Far more chemically resistant than probes using polyurethane or polysulfone optics.

**STAINLESS STEEL** - Stainless steel shrouds are more durable than plastic shrouds and stay secure.

**REMOVABLE SHROUD** - Optional and removable 1.5" O.D. steel shroud for extremely long cables or very viscous bunker oil.

**CONVERTIBLE** Weighted shroud available to convert 7/16" probes to 5/8" high weight version.

**DAMAGE PROOF SENSORS** - The optical sensor and electronics work together to ignore minor or severe scratches.

**NEW INDUSTRY STANDARD** - Setting a new industry standard our probes will detect 1/2mm of product versus 3mm. Units can be recalibrated to 1mm, 2mm or 3mm for user preference.

**ADJUSTABLE SENSITIVITY** The water sensitivity can be changed to ensure quick readings but reduced to avoid bridging when the water contains a lot of dissolved solids, giving the user ideal performance in all field conditions.



## MOST ACCURATE TAPES

Designed specifically for measuring product and organic solvents and four times more accurate than the commonly found flat white TV cable-type tapes. These tapes use twisted stainless steel wires that can untwist and lengthen from the weight (5 lbs.) of the probe and cable. The flat spring steel measuring tape of the INT units has a breaking strength of 297 pounds and will not stretch (less than .001 inches) with a 35 pound load.

The measuring tape was designed specifically for environmental use and is resistant to all solvents found in the field.

**HIGHEST ACCURACY** - Highest accuracy purpose designed yellow measuring tapes— .008% OR BETTER... GUARANTEED! Tapes meet or exceed federal specification US GGG-T-106E(U.S.A) or EEC CLASS II (Europe).

**FOUR TIMES MORE ACCURATE** than flat white TV cable type tapes that use twisted or spiral conductors which allow 1/2 inch of stretch/100 ft from the cables own weight.

**UNIQUE SOLID CORE** flat spring steel measuring tape with clear Kynar jacket covering the conductors and protecting the graduations and numerical markings.

**KYNAR COVERING** is about 4-5 times harder (Rockwell hardness) than softer polyethylene white tapes which are far more easily cut and damaged and require frequent repairs. White tapes will become softer when exposed to gasoline and other solvents.

**CHEMICALLY RESISTANT** Kynar resists all chemicals found in environmental monitoring and the smooth covering is easier to decontaminate than embossed tapes.

**NO STRETCHING** - The flat spring steel core measuring tapes guarantee the tapes will not stretch (less than .001 inches/100ft) and will hang much straighter than white tapes.

**EXACT ZERO POINT** - The tape zero point and probe zero point coincide exactly to within .01 inches versus .06 inches found on most industry standard units.