



OIL/WATER INTERFACE METER



FEATURES

- **Impact Resistant**
More impact resistant than probes using glass
- **Chemically Resistant**
Resists all solvents found in environmental monitoring
- **Smart Electronics**
Ignore severe scratches, condensation and dripping oil
- **Stainless Steel and Teflon® Probe**
7/16" standard, 5/8" also available
- **Automatic Sleep Function**
Unit powers down after 10 minutes
- **New Industry Standard**
Setting a new industry standard, these probes will detect 1/2 mm of product. Can be recalibrated to 1mm, 2mm, or 3mm for user preference.
- **Adjustable Sensitivity**
Water sensitivity can be increased to ensure quick readings or reduced to avoid bridging when water contains a lot of dissolved solids.

High Quality Design

The Mini REEL E-Z 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.

Infra-red refraction is used to detect liquids and conductivity is used to detect the water. For heavy viscous oils, detect water sensitivity quickly by increasing the external sensitivity control. For high conductivity water (brine) decreasing the sensitivity control prevents bridging so a moist probe is not detected as being in water.

Using "**smart electronics**" the probes will ignore any damage to the optical lens and continue to perform. Similar to a water level meter, the units will produce a solid tone in water and an intermittent light and tone indicates product. This system doubles the battery life and provides better overall performance.

Purpose Built Rugged Reel

Lightweight aluminum faceplates and solid metal and machined nylon components will not crack under tough field use.

Easy to use ergonomic frame and hub size for winding tapes under rough field conditions.

Removable Module - electronics module is removable for easy decontamination.



**Instrumentation
Northwest, Inc.**

1-800-776-9355
<http://www.inwusa.com>



OIL/WATER INTERFACE METER

SPECIFICATIONS & ORDERING INFORMATION

Ordering Information

MINI REEL E-Z OIL/WATER INTERFACE METER	
Kynar® or Tefzel® Tape, 7/16" diameter (11mm) probe**	
5A005	100 foot (30 meter)
5A010	150 foot (50 meter)
5A015	200 foot (60 meter)
5A020	300 foot (100 meter)
5A025	400 foot (120 meter)
5A030	500 foot (150 meter)
5A035	600 foot (175 meter)
* Other lengths available on request	
** 5/8" (16 mm) probe available on request	

Information in this document is subject to change without notice

Specifications

Power	9 volt battery
Battery Life	180 - 300 hours
Tape Lengths*	100-600 feet 30-175 meter
Tape Material	Kynar® or Tefzel®
Tape Markings	1/10 ft and 1/100 ft (cm and mm)
Tape Stretching	< .001" per 100 ft
Probe Diameter**	7/16 inch (11 mm)
Probe Material	Stainless Steel & Teflon®
Sensor Accuracy	.010" offset error
Detect Limit	Sheen (.020 inches or 1/2 mm)
Overall Dimensions:	
Width	12 inches
Height	14.5 inches
Depth	9 inches
Shipping Weight	9 pounds

Options

Removable Shroud - 1.5" steel shroud for extremely long cables or very viscous bunker oil

Convertible Weighted Shroud - to convert 7/16" probes to 5/8" high weight version

Padded carrying case with shoulder strap

Off button



Instrumentation Northwest, Inc.



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