

IMPROVED DESIGN! Water Level and Product/Interface Meters

- **Accurate**
- **Durable**
- **Precise**
- **Easy to Use**
- **Easy to Decontaminate**

AMS offers design advancements exclusive only to the AMS water level and product/water interface meters.

- Robust and reliable.
- Exclusive to AMS - Zero displacement feature for precision/accuracy purposes. Zero displacement probes are ideal for direct push wells or for use in direct push tooling.
- Fully pressure rated probes for complete submersion. The unique probe designs prevent water from bridging the electrodes to prevent false readings in cascading water or during pump tests.
- High precision polyethylene jacketed flat cables.
- Constructed with durable 'yellow tape' which is marked in feet (red numerals), 1 feet (black numerals), and .01 foot graduations. Also available in metric with meters, cm, and mm markings upon request.
- Stainless steel 24-gauge stranded conductors for exceptional durability.
- Lightweight aluminum reel, with double sealed bearings provides smooth, low friction winding with incredible durability. Reels have a lifetime warranty.
- Unique reinforced back plate will withstand severe use and repeated impacts.
- Ball bearing feature to allow for steady and smooth descent for precision/accuracy purposes. (Also user ease in repetitive retractions.)
- Fold away, ergonomic handle to allow for steady and smooth descent for precision/accuracy purposes. (Also user ease in repetitive retractions.)
- Electronics are easily removable for decontamination purposes.
- Electronic components and the printed circuit boards are high quality Mil Spec or equivalent for excellent reliability and durability.

Product/water interface meters only:

- A highly sensitive and very precise probe. The probe detects and measures 1/2mm or 1/400 ft of floating product in 1/2" or 12mm ID well, depending on operators field techniques. Sensitivity is adjustable for monitoring well material differences and contamination!

AMS EXCLUSIVE – Water Level Meters

Ideal for direct push drilling activities, either through tooling or through monitoring wells.

Water level measurement is an essential part of any sampling event and is measured continuously during low flow sampling to ensure maintenance of the water level as close to the static level as possible.

Features:

- Durable
- Cost-Efficient
- Simple

Application:

- AMS 7/16" and 5/8" water level meters are ideal for 1/2 ID wells and 3/4" ID wells respectively, and will only affect the water level by .02 inches (1/2mm) or less regardless of the well diameter.
- Ideal for measuring the gradient and direction of an aquifer, which is necessary when monitoring contaminants or plum migration
- Excellent for measuring large aquifers where water level changes are relatively small.

Removable center piece for easier decontamination.

Yellow tap is most durable option available.



Water Level Meters

METERS

3012.66	7/16" Probe, 50' Tape, Water Level Meter (15 m)
3012.90	7/16" Probe, 100' Tape, Water Level Meter (30m)
3012.95	7/16" Probe, 150' Tape, Water Level Meter (50m)
3012.67	5/8" Probe, 50' Tape, Water Level Meter (15m)
3012.68	5/8" Probe, 100' Tape, Water Level Meter (30m)
3012.69	5/8" Probe, 150' Tape, Water Level Meter (50m)

CARRY CASE

3012.83	Padded Carrying Case for Water Meter (Highly recommended)
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NOTE – Other metric meter sizes, larger probe diameters, longer tape lengths, and protector shrouds are available upon request. Larger probe diameters and longer tape lengths are useful for depths of 200' and deeper. Protector shrouds will protect probe tips but may affect precision of instrument.

AMS EXCLUSIVE – Product/Water Interface Meters

Get quick readings through heavy oils while preventing false readings with the unique sensitivity control

Product/water interface meters feature similar construction as water level meters, but with added sensitivity and sophistication.

Features:

- Sensitive
- Precise Measurements
- Sophisticated

Application:

- AMS product/water interface meters can detect differences between the product and the water source, distinguishing where the product ends and the water begins, allowing the user to determine the thickness of the product.
- The electronics allow detection of floating contaminant with an electro-optic sensor (probe) making them ideal of direct push drilling activities, either through tooling or through monitoring wells.
- The AMS 7/16" and 5/8" water level meters are ideal for 1/2 ID wells and 3/4" ID wells respectively.

Note: The smallest ID that will work with this product is actual 1/2" ID or actual 12.7mm ID.

Product/Water Interface Meters

METERS

3012.76	7/16" Probe, 50' Tape, I/Face Water Meter (15m)
3012.92	7/16" Probe, 100' Tape, I/Face Water Meter (30m)
3012.97	7/16" Probe, 150' Tape, I/Face Water Meter (50m)
3012.77	5/8" Probe, 50' Tape, I/Face Water Meter (15m)
3012.78	5/8" Probe, 100' Tape, I/Face Water Meter (30m)
3012.79	5/8" Probe, 150' Tape, I/Face Water Meter (50m)

CARRY CASE

3012.83	Padded Carrying Case for Water Meter (Highly recommended)
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NOTE – Other metric meter sizes, larger probe diameters, tape lengths, and protector shrouds are available upon request. Larger probe diameters and longer tape lengths are useful for depths of 200' and deeper. Protector shrouds will protect probe tips but may affect precision of instrument.

NOTE – Standard English or Metric measurement tape markings available upon request.

Highly sensitive tip.

