FEATURES

Waterra has designed the HS-2 Interface Tapes as lightweight, compact, oil/water interface measuring devices. They feature both enclosed reels with very narrow profiles and more traditional open reels. The HS-2 closed reel can carry up to 30 meters or 100 feet of flat tape. The HS-2 open reels can carry 50, 75 or 100 meters or 250 feet of flat tape.

The electronics module located in the hub of the unit contains the batteries, electronic circuit board, buzzer, light, and on/off membrane switch.

The on/off switch has a built-in timer so that the unit will automatically turn itself off after three minutes. This feature is designed to extend battery life. When the HS-2 is turned on, the battery light will be illuminated continuously. Low batteries are indicated by a flashing signal from the battery light indicator.

When the HS-2 Interface probe contacts a hydrocarbon liquid, the buzzer will emit a continuous tone and the oil light will illuminate. When the probe contacts water, the buzzer will emit an intermittent tone and the water light will illuminate. There is no sensitivity adjustment available for the HS-2 meter.

THE PROBE HOLDER AND WINDING THE REEL

The flat tape on HS-2 open reels and HS-2 closed reels must always be wound back onto the reel by rotating the handle in the correct direction, however the direction of winding is not the same for both of these reel formats.

The HS-2 open reel winds the flat tape back onto the reel by rotating the handle in the counter clockwise direction.

The HS-2 closed reel must be rotated in the clockwise direction to wind the tape back onto the reel. Winding the tape back onto the reel in the wrong direction will cause problems. Additionally it is important with both reel designs that the tape be spread evenly across the spool as it is wound back into the reel. This can be done by rocking the reel from side to side as the tape is being wound up.
ROUTINE MAINTENANCE

In order to maintain your HS-2 in the best working order, some routine maintenance is required. The flat tape should be inspected for cuts and abrasions on a regular basis. Severely damaged tapes should be replaced. Contact Waterra if this is required.

The tape should be completely spooled out of the reel and cleaned with a damp cloth and the reels will also need to be wiped down to remove sand and mud. Be sure to wind the tape back onto the reel in the correct direction (see Probe Holder & Winding the Reel).

Check that the tape is wound onto the reel in an even manner. Do not allow the tape to accumulate on one side of the reel.

The probe tip should be cleaned on a regular basis with a toothbrush and water to remove any material that may accumulate there. A clean probe tip will increase meter accuracy.

Replace the batteries when the indicator light shows that they are worn or at least once per year. See the battery replacement instructions for directions.

WATER RESISTANCE

The HS-2 is designed to be water resistant, however these units are not waterproof. Do not immerse the HS-2 or the HS-2L as this will damage the electronics and flood the unit.

CLEANING AND DECONTAMINATION

The HS-2 should be kept as clean as possible as this will help keep the units in good working order. The flat tape can be cleaned by spooling the tape out of the reel into a large bucket, allowing it to soak in a cleaning solution. The recommended detergent for this is Alkanox.

Rinse the tape in clean water and pass the tape through a clean cloth as it is wound back into the reel.

Do not immerse the reel and electronics! The reel can be cleaned with a clean, damp cloth. If the inside of the reel becomes contaminated or is excessively dirty, the tape and reel should be disassembled for a more thorough cleaning.
WARRANTY INFORMATION

Waterra USA Inc. and Waterra Pumps Limited ("Waterra") warranty all well probe parts to be free from defects in material and workmanship affecting its use for a period of 12 months following the date of purchase.

EXCLUSIONS AND CONDITIONS

The Waterra Warranty does not include shipping or an obligation to provide another unit while the original well probe is being repaired.

The Waterra Warranty does not apply to well probes used as rental equipment or to well probes contaminated by materials harmful to such products.

The Waterra Warranty does not apply to the tape or batteries used within the well probe.

The Waterra Warranty does not apply to parts failure due to neglect in cleaning or servicing the well probe nor does it cover failure of a part caused by misuse or inappropriate use of the well probe.

The Waterra Warranty is not valid if the well probe is not paid for in full within 60 days of the invoice date.

RETURNING WELL PROBES TO WATERRA

Waterra requires that all customers notify Waterra prior to returning their well probe under the Waterra warranty program. The well probe will only be accepted if it has been thoroughly cleaned and decontaminated. Well probes must be properly packaged.

Please contact Waterra in order to obtain a shipping address.