



Leachate+

Length options: 100ft/30m to 1000ft/300m

Heron's **Leachate+** Meter has been specifically developed for use in landfills, remediation sites, and other harsh environments. We worked closely with landfill operators to develop a solution that provides accurate level and temperature data, in a meter durable enough to withstand the harshest environments. The **Leachate+** Meter features a design that is easy to clean, and service in the field. The meter's detection system uses a shielded plunger to identify leachate levels, while eliminating false readings caused by foam or debris. The included temperature sensor provides temperature readings in real-time to help manage the quality of leachate at your site.

Further, the **Leachate+** Meter has been paired with our premium Kynar-jacketed, steel core tape for enhanced longevity, and temperature profiling up to **135°C/266°F**

Features included with the Leachate+:

- **Specialized Probe (IP68)** - Shielded 1" (24.5mm) probe designed specifically for use in leachate applications and pressure/depth rated to 300M/1000FT. Built to be easy-to-clean and service in the field
- **Hi-Vis Electronic Display Module (IP65)** - Temperature readings can be displayed in degrees Celsius (**-45 to 135°C**) Fahrenheit (**-49 to 266°F**), Kelvin (**238 to 408°K**) or Rankine (**428 to 734°R**) on a high contrast digital LCD display
- **Wide Operating Temperature Range** - **45°C to 135°C / -49 °F to 266°F**
- **Audible Indications** - Adjustable volume control and Silence button
- **Premium Kynar-jacketed Steel Tape** - Tape is built from high tensile steel, and jacketed with Kynar to provide durability and strong resistance to harsh environments
- **Tape Guide and Hanger** - to support the meter at the well head and to protect the tape from sharp edges on the well casing
- **Padded Carry Case** - FREE backpack included w/adjustable straps, laptop holder & notepad pouches to protect your precision meter from the elements



ES France - Département Bio-tests & Industries
127 rue de Buzenval BP 26 - 92380 Garches



Tél. 01 47 95 99 90
Fax. 01 47 01 16 22



e-mail : bio@es-france.com
Site Web : www.es-france.com



Leachate+ (Series 3000)



Temperature and Leachate Level

| Reel Assembly: | Standard | Large | Tape: | |
|-------------------------------|---|------------------------------------|--------------------------------------|---|
| Height | 36cm (14") | 43cm (17") | Tape | High Tensile Stainless Steel |
| Depth | 21cm (8.25") | 23cm (9") | Jacketing | Kynar |
| Width | 29cm (11") | 34cm (13.5") | Conductors | 7 Strand (4 SS316 & 3 Copper) |
| Weight (Reel Assembly Only) | 2.60kg (5.7lb) | 4.2kg (9.3lbs) | Markings | Metric or Engineering Scale - Under Jacketing |
| Plate Size | 27cm (10.5") | 34cm (13.5") | Width | 9.5mm (3/8") |
| Plate Material | Nylon Fibre Composite | Aluminum | Dog Bone Profile | Dogbone for low friction |
| Brake | Ergonomic Dial | Ergonomic Dial | Break Strength | 125kg (280lbs) |
| Stainless Ball Bearing | YES | YES | Accuracy Certification | ASME B89.1.7-2009, MIL-STD-45662A, ISO 10012-2003 |
| Hanger | Included on frame | Included on frame | | |
| Tape Guide | Included on frame | Included on frame | Accuracy Compliance | FED GGG-T-106F, EEC Class II, USGG-T-106F |
| Tape Lengths | 30m, 100ft | 200m, 750ft | Break Strength | 127Kg (280lbs) |
| | 60m, 200ft | 300m, 1000ft | | |
| | 100m, 300ft | | | |
| | 150m, 500ft | | | |
| Electronic Panel: | | | Link & Probe: | Snag Free Design |
| Field Replaceable | Yes (with philips #2 screwdriver) | | IP Rating | IP68 |
| Screen | LCD | | Weight | 125g (4.4oz) |
| Water resistance | IP67 | | Length | 228mm |
| Temperature Units | °C, °F, °K, °R | | Diameter | 24.5mm(1") |
| Battery Life | 400 hours | | Maximum Recommended Probe Temp. | -45°C to +135°C |
| Battery Indicator | On startup - LCD display and audio indication | | Removable | Yes- Field Replaceable |
| Visual Indications | LED Light and LCD Display | | Depth Rating | 1.5km (5,000ft) |
| Audible Indications | Volume adjustable buzzer, Silence button | | Break Strain | Yes 70kg (150lbs) |
| Buttons | Button 1 (Power/hold for Units), Button 2 (Silence) | | Probe Wetted | Stainless Steel 316, Delrin, Gold, Buna |
| | | | Standard Link | Stainless Steel 316, Delrin, Polyurethane, Buna |
| | | | | |
| Temperature Accuracy Typical | Test Condition | Typical | Max | |
| Temperature Accuracy Typical | -20°C to +50°C | +/-0.05°C | +/-0.1°C | |
| | -40°C to +70°C | +/-0.05°C | +/-0.15°C | |
| | -40°C to +100°C | +/-0.1°C | +/-0.2°C | |
| | -55°C to +125°C | +/-0.1°C | +/-0.25°C | |
| | -55°C to +150°C | +/-0.1°C | +/-0.3°C | |
| Temperature Resolution | 0.0078°C | Lifetime Temperature Stability | 300 hours continual reading at 150°C | +/-0.03°C |
| Temperature Reading Range | -55°C to +150°C | Temperature Repeatability | 8 Averages | +/-0.0078°C |
| Temperature compensated range | -55°C to +150°C | Temperature cycling and hysteresis | 8 Averages | +/-0.0078°C |
| Temperature Response Time | 10 seconds per degree Celsius | | | |

Temperature sensor meets ASTM E1112 and ISO 80601-2-56. Nist Traceability.

Heron Instruments Inc. 447 Moxley Rd. Dundas, ON L9H 5E2, CANADA info@heroninstruments.com, 1- 800- 331- 2032

A- 825- 3000 003 Rev 0