

Model PI00 PipeTool™ Plastic Water Pipe Locator  
Heitman Laboratories Stock # PI00 TECHNICAL  
SPECIFICATION

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**Description:** Precision wireless plastic pipe tool consisting of a highly rugged, weather resistant, **Probe Pole** with integral wireless 916.48 MHZ radio transmitter and a separate rugged, NEMA 4 weather resistant, compatible **Receiver** with integral wireless radio receiver, LCD display and headphone output (3.5mm jack.) The compact Receiver is designed to be worn on a belt clip or to be hand-held.

**Sensor type and input:** Ground motion is detected with a single-axis seismometer whose input is controlled by a push-button on the top of the **Probe Pole**.

**Frequency Response and Sensitivity:** The center frequency is adjustable in 64 steps over a range of 133 Hz to 180 Hz. The corresponding 3 dB frequency response ranges between 93 Hz and 227 Hz. Sensitivity is adjustable in 64 steps over a range from +\_64 uV to a maximum sensitivity is + 1 j*i*V, which corresponds to a surface displacement rate of +\_ 2 u inch per second. Compatible with all RD500 TransOndes.

**Controls and Indicators:** **Rugged Probe Pole** features a single membrane switch, labeled "ON", that initiates an automatic power-up sequence, sends sensor readings to the Receiver and extends power-on time when a reading is taken. An automatic power-down feature increases battery life. A single LED located adjacent to the control button provides peak sensor reading feedback to the operator. **Receiver** membrane switch controls include power ON/OFF, independent sensitivity increase S+ and decrease S-, frequency increase F+ and F-. A large 120 segment LCD display allows precision peak signal measurement for increased pipe location accuracy.

**Batteries Required / Life:** **Probe Pole** operates on a single 9-Volt alkaline battery and has an expected operating life of at least 50 hours. **Receiver** operates on six 1.5 Volt AA batteries and has an expected operating life of at least 50 hours.

**Weights & Dimensions:** **Probe Pole** - 2.2 Ibs (1 Kg), 39.5 inch (100 cm) length by 2.0 inch (5 cm) diameter. **Receiver** - 1.1 Ibs (0.5 Kg), 6.5 x 3 x 2.75 inch (16.5 x 7.6 x 7 cm) **Complete System** with Spike, Case & Phones - 14 Ibs (6.4 Kg), 53.4 x 10.6 x 4.4 inch (136 x 26 x 11 cm)

**Warranty:** 12 months

List price: Contact us

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