

NDT INTERNATIONAL, INC.

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PLI -1 Ultrasonic Liquid Level Indicator



Features:

- Toggle Switch to select wall thickness range - thick (more than 4mm) or thin (4mm or less)
- No Tuning Controls
- Adjustable Gain level Accurate to 0.060" (1.5mm)
- Special Power Booster for poor condition cylinders
- Battery Test Switch
- Power from (2) 9V Alkaline Batteries
- Size: 8"L x 4"W x 2"D, Weight less than 1 lb.

Standard Kit includes the PLI-1 Gauge, a spring loaded magnetic base transducer with integral cable, (4) 9V alkaline batteries (2 installed + 2 spares), 4 oz. bottle of ultrasonic couplant, transducer extension rod, leather instrument case, operating instructions and foam lined plastic carry case.

Operation:

- The PLI-1 gauge emits an ultrasonic pulse through the transducer into the metal wall.
- When the transducer is moved along the vertical wall of the outside of the tank the properties of this pulse change when the liquid level is higher than the transducer.
- Liquid level is determined by differentiating between the ultrasonic properties of the medium (gas or air vs. liquid) inside the tank (or cylinder).
- The operator observes this change on the meter to locate the liquid level.

NOTE: When installing batteries, make sure that the polarity is matched to the two **RED** dots in the battery compartment - Positive (+) terminal to the **RED** dot, and that the batteries are fully inserted and locked into position.

The PRI-1 is manufactured by Class Instrumentation Ltd., London, UK.
NDT International, Inc. is an authorized agent for the manufacturer.