

Proceq

Proceq Pundit Lab Ultrasonic Pulse Velocity Concrete Concrete Flaw

Pine Item #54267

DESCRIPTION:

The Pundit Lab is an ultrasonic pulse velocity (UPV) test instrument which is used to examine the quality of concrete. It features online data acquisition, waveform analysis and full remote control of all transmission parameters. Along with the traditional transit time and pulse velocity measurement, the ultrasonic test equipment Pundit Lab offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimized pulse shaping gives greater transmission range at lower voltage levels. This, coupled with automated combination of the transmitter voltage and the receiver gain, ensures an optimum received signal level, guaranteeing accurate and stable measurements.

FEATURES:

- Review list: Saved measurements may be reviewed on site without the need of a PC connection
- Time stamp: A real time clock has been integrated to provide a time stamp to every measurement recorded.
- Integrated amplifier. No need to buy an external amplifier when using long cables and exponential transducers.
- Compressive strength measurement: Conversion curves for strength estimation can be created in the software and uploaded to the instrument to give instant estimation of compressive strength on site.
- SONREB method: Sonreb curves may be uploaded onto instrument for improved compressive strength in combination with rebound hammer measurements.



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Product Specifications

Range	0.1 - 9999 μ s
Resolution	0.1 μ s
Display	79 x 21 mm passive matrix OLED
Transmitter	Optimized energizing pulse 125 V 250 V 350 V 500V AUTO
Selectable gain steps	1x 10x 100x AUTO
Bandwidth	20 kHz - 500 kHz
Memory	Non volatile > 500 measured values
Regional Settings	Metric and imperial units supported
Battery	4x AA batteries (>20 hours continuous use)
Mains	5v <500mA via USB charger
PC	5v <500mA directly via USB cable
Operating temperature	-10° to 60°C (0° to 140°F)
Humidity	<95% RH non condensing
Dimensions	US: 6.7 x 2.1 x 8.7 in. Metric: 172 x 55 x 220 mm



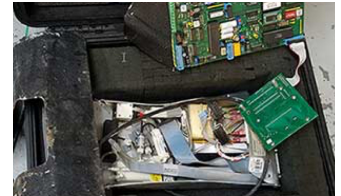
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan