



Pundit Ultrasonic

Pundit Lab (+)

A flexible UPV test instrument designed for laboratory operations



Reliability

Lab adaptations include an oscilloscope output, power supplied via a battery, mains, or via a USB connection to a PC. Full PC control of all functionality



Open Interface

Removes the need to use the proprietary software. The open interface allows the instrument to be seamlessly integrated into the laboratory environment.



Ease of use

Increased receiver amplification allows optimum performance with exponential transducers which can be used on rough or curved surfaces, with or without coupling gel.













Technology Ultrasonic pulse velocity Measuring Resolution Pulse Voltage ±125 to ±500 V (UPV) Receiver Gain 1x, 10x, 100x, AUTO, Pundit Lab+ up to 1000x Nominal Transducer Frequency Pulse Shape Square Wave Pulse Delay - Number of Channels 1 PC Software Pundit Link unlocks the full Pundit Lab+ capabilities Display 79 x 21 mm passive matrix OLED Memory > 500 measured values Connections USB connection to PC Pulse velocity Surface velocity Surface velocity Data logging E-modulus Compressive strength correlation Crack depth Measuring Range Up to 15 m depending on concrete quality Open interface Integrated amplifier gain stage Real time stamp Available Proceq transducers: 54 kHz, 150 kHz, 250 kHz, 54 kHz exponential, 500 kHz, and 40 kHz shear wave dry point contact. Connect third party transducers with a standard BNC connector up to 500 kHz.	Bandwidth	20 to 500 kHz			
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Our Accessories

Image	PartNumber	Description
	Pundit Lab (+)	2 Exponential transducer 54 kHz, including calibration rod (325 40 176) Transducer 150 kHz (Two required for operation) (325 40 141)





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