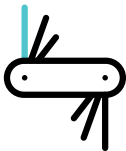




Pundit Pile Integrity + Impact Echo

PI8000

Installed pile quality testing, slab thickness measurement and defect detection using the impact echo method



2 in 1

Patented design supports both pile integrity testing and impact echo testing in a single probe for increased versatility and efficiency



Productivity

App assisted check of impact quality and rapid comparison of multiple piles at the same site. Flexible heatmap for impact echo uniformity assessment directly on site



Collaboration

Real-time connectivity allows collaboration with off-site colleagues anywhere in the world, for confirmation of data quality before leaving the site

Software / Workspace App

Display Unit	Any compatible Apple® iPad (iOS 11.0 and higher) ¹
Workflow features	Single-site comparison of all piles Single-shot or flexible heatmap for impact echo Defect / Object tagging Logbook for full traceability of testing and simplified report generation Simultaneous application of filter settings to all piles
Display	Any compatible Apple® iPad (iOS 11.0 and higher see Appstore for details)
Measurements	Impact monitoring Exclude/Include impacts Automated peak detection Automated gain settings Large diameter piles supported
Calibration features	Automated calibration of pulse velocity
Workspace features	Collaboration with off-site colleagues Real-time synchronization Web enabled logbook Instant report generation
Connections	Encrypted Wi-Fi connection to Apple® iOS tablet, USB port for Wi-Fi module
Display Unit Specs²:	Screen size: From 7.9" to 12.9" Resolution: Up to 2732-by-2048 Memory: Up to 2TB Weight: Down to 301 g / 10.6 oz Camera: Up to 12MP Wide and 10MP Ultra Wide Optional: USB-C, 5G, Face ID
Display Unit Sensors³:	LiDAR Scanner (optional) Three-axis gyro Accelerometer Ambient light sensor Barometer Built-in GPS/GNSS

Processing Unit / Sensor

Range	>35 kHz, +/- 50 g
Resonant frequency	> 50 kHz
Sampling rate	400 kSPS
Weight	144 g (Including battery)
Battery	Standard AA, alkaline or rechargeable
Dimensions	85 x 56 x 59 mm
Connections	Low energy Bluetooth ®, USB-C for charging and updates (USB-C for Wi-Fi restricted areas - coming)



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