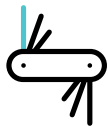




Pundit Pile Integrity + Impact Echo PI8000

Rapid solution for concrete piles testing, concrete slab testing, thickness measurement and defect detection



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



Pundit Impact App

Tech Specs

| | |
|--|--|
| 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 |

1. Recommendation: The newest models enhance performance, number of sensors and optional capabilities.

2, 3. Depending on iPad model





Instrument

Tech Specs

| | |
|---------------------------|---|
| 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) |
| Measuring Range | Impact Echo: max thickness = 60 to 80cm depending on concrete quality and selected impactor Pile Integrity: max ratio Length/Diameter = 30 to 60 depending on the soil conditions (hard soils to soft soils) |

Our Accessories

| Image | PartNumber | Description |
|---|------------|---|
|  | 34900011 | Coupling putty for pile integrity testing 1kg (34900011) Measurement accessory |
| ↓ | 34900013 | Impactor 7.5 mm diameter measurement accessory (34900013) |
| ↓ | 34900014 | Impactor 10 mm diameter measurement accessory (34900014) |
| ↓ | 34900015 | Impactor 15 mm diameter measurement accessory (34900015) |
|  | 79330345 | Chest harness kit for hands free operation of all iPad app based instruments: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000... |

| Standards & Guidelines | Description |
|------------------------|-------------|
| ASTM C1383 | |
| ASTM D5882 | |
| DGZfP Merkblatt B11 | |
| RI-ZFP-TU | |

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