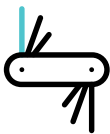




## Pundit Pile Integrity + Impact Echo PI8000

Pile quality testing, concrete plate 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

<b>Display Unit</b>	Any compatible Apple® iPad (iOS 11.0 and higher) <sup>1</sup>
<b>Workflow features</b>	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
<b>Display</b>	Any compatible Apple® iPad (iOS 11.0 and higher see Appstore for details)
<b>Measurements</b>	Impact monitoring Exclude/Include impacts Automated peak detection Automated gain settings Large diameter piles supported
<b>Calibration features</b>	Automated calibration of pulse velocity
<b>Workspace features</b>	Collaboration with off-site colleagues Real-time synchronization Web enabled logbook Instant report generation
<b>Connections</b>	Encrypted Wi-Fi connection to Apple® iOS tablet, USB port for Wi-Fi module
<b>Display Unit Specs<sup>2</sup>:</b>	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
<b>Display Unit Sensors<sup>3</sup>:</b>	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

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



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 * Can also be used as an iPad stand Fully adjustable to accommodate any size of iPad up to 12.9"

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

SWISS  MADE



Present in +100 countries, we serve inspectors and engineers all over the world with the most comprehensive range of InspectionTech solutions, combining intuitive software and Swiss-manufactured sensors.  
www.screeningeagle.com

Request a quote

