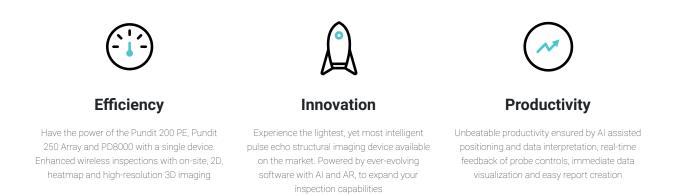


Pundit Ultrasonic

PD8050

Consolidated power in a single device for structural imaging, object and defect detection with ultrasound pulse echo





Pundit Array Tech Specs



Instrument Tech Specs

20 - 80 kHz

1 us ±50 to ±150 V

Void and delamination detection Bonding assessment Thickness measurement Honeycombing detection Fiber concrete Concrete hit prevention Imaging of closely spaced rebars

Multi-channel Ultrasonic Pulse Echo

Display Unit	Any compatible Apple® iPad (iOS 11.0 and higher)¹	
Workspace Integration	App synchronization Share via URL Automatic logbook Raw data export HTML export	Applications
	Instant report generation High definition focus view	Technology
Special Features	Macro view – variable frequency and voltage Wide panoramic B-scan Augmented Reality 3D view Al-assisted positioning Al-assisted feature interpretation Image stabilizer	Measuring Resolution
		Pulse Voltage
		Receiver Gain
Display Unit Specs ² :	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	Report Generation
	Optional: USB-C, 5G, Face ID	
Display Unit Sensors ³ :	LiDAR Scanner (optional) Three-axis gyro	Measurement Modes
		Measuring Range
	Barometer Built-in GPS/GNSS	
1. Recommendation: The newest	Review modes	

optional capabilities.

2, 3. Depending on iPad model



Pulse Voltage	(UPE)
Receiver Gain	1 to 10'000 (0 to 80 dB)
Report Generation	Cloud synchronization Share via URL Cloud-enabled logbook Cloud-based raw data export Cloud-based HTML export Cloud-based report generation
Measurement Modes	Line scan Stripe Scan Grid Scan
Measuring Range	Up to 2 m / 6.6 ft depending on concrete quality
Review modes	A-scan (incl. envelope) B-scan (Line view) C-scan (Time-Slice view) Heat map (depth) Heat map (pulse velocity)
Battery	Battery pack, 6x AA (NiMH), flight-safe
Display	Any compatible Apple® iPad (iOS 11.0 and higher) ¹
Memory	Apple® iPad specified
Connections	Encrypted Wi-Fi connection to Apple® iOS tablet USB port for Wi-Fi module USB-C for Wi-Fi restricted areas

Our Accessories

Image	PartNumber	Description
	32540434	16 channel connection kit (32540434)
	32730418S	Measurement accessory (32730418S) Pundit Live tape measure (set of 10)
The second secon	79330235	Universal tablet holder for direct mounting on Proceq GPR 8000/8100 and Pundit PD8050
ß	79330345	Chest harness kit for hands free operation of all iPad app based instruments: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000
Standards & Guidelines		Description
EN12504-2, EN13791		
ACI 228.2R-13		
DGZfP Merkblatt B4		
RI-ZFP-TU		
ZTV-ING Teil 5 Tunnelbau		

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