ТОВ "ІНТРОН - СЕТ "
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PET Pro USB

Pile Echo Tester

PET is used to test the integrity of deep pile foundations. PET Uses the pulse-echo method (PEM) for pile integrity testing (PIT).

- Smart Trigger for ease of use
- Automatic Impulse sorting
- ASTM D5882-16, AFNOR P160-2,4
- Rugged and IP68 waterproof

Applications
For fast and simple testing of deep pile foundations with the pile integrity method of small to medium size piles.

Fast and Simple Pile Integrity Test of Deep Pile Foundations

PET Pro USB – Technical Specification

Physical	**Housing**	Industrial grade transducer enclosed in durable stainless steel and aluminum housing.
	Dimensions	30 mm (Diameter) x 90 mm (Length) (instrument only)
	Weight	120g (Instrument only) 2.3kg (Typical shipping)
	Temperature range	Operating: -25°C to 55°C Storage: -40°C to 80°C
	Waterproofing	IP68 (Protection against submersion in water)
Power	**USB Cable**	Powered by the attached Computer/Tablet
Standards	**ASTM D6760 –16**	Meets or exceeds.
	AFNOR P160-2,4	Meets or exceeds.
	CE	In conformity with the requirements of CE EMC & Safety Requirements Directive 2014/30/ EU and LVD 2014/35/EU
Technical Features	**Trigger**	Variable trigger level
	Smart Trigger	Trigger by impulse shape
	Auto sort	Automatic sorting of best impacts
	Pile Averaging	500kHz (2µS resolution)
	Site Averaging	Averaging all good impacts - Clears the noise from the reflectogram
Performance	**Pile lengths**	2m to 80m (depending on diameter and soil profile
	Productivity	Up to 100 piles/hour (favorable conditions, single operator)
	Max cable length	Up to 4m with USB extension cable (2m cable included)
	Max record impulse	100ms
	Resolution	24bit
	Storage	Up to 1Tera byte
Requirements	**Computer** (Minimum)	Windows XP/Win7/Win10/Win11. with USB port 800x600 min. screen resolution with full sunlight visibility
Output	**Reporting**	Time/Distance Reflectogram, FFT analysis - Standard
	Language	Multi-lingual user interface and reporting