

NMT - P800 Low Strain Pile Integrity Tester

Pile integrity tester is a test and analysis instrument for pile integrity testing and monitoring of precast pile driving process. Under impact or vibration load, the pile structure integrity and vertical bearing capacity of single pile are tested and analyzed. The purpose is to determine the bearing capacity of pile and the integrity of pile structure.

New upgraded wireless cloud transmission function;

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- The operation of the instrument is convenient and fast. From the requirement of engineering inspection, the user can quickly master the usage method;
- Small size, light weight, easy to carry;
- The user operates through the touch screen, and the interface is simple;
- Support multiple waveform processing methods to make defect positioning more accurate;
- large-capacity data memory, support for mobile storage;
- Built-in rechargeable lithium battery, long standby time;
- The analysis software under Windows platform has comprehensive functions and flexible printing settings. It can print preview and output processing results, and can generate test reports.

Product Model	DMT-P800
System Noise Voltage	Less than 2 mV
Dynamic range	More than 138dB
Amplifier Band	10Hz~10kHz
A/D Resolution	16 bit A/D
Sampling time interval	2us~32768us
Sampling Length	1024, 2048, 4096
Time indication error	Less than 1%
Channel Number	One
Amplification factor	1~128
Data transmission mode	Wireless Cloud Transport (Options)
Trigger mode	Signal triggering
Sensor Sensitivity	100 mV/g
Sensor frequency band	1-10000Hz
Continuous working hours	More than 10 hours
Power Supply	Built-in rechargeable lithium battery (+7.4V)
Display	640*480 Capacitance Screen
Operational mode	Touch
Weight	1.24Kg
Size	220x160x50
Product Model	DMT-P800
System Noise Voltage	Less than 2 mV