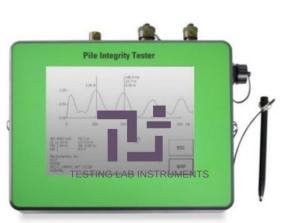


Email : sales@testinglabinstruments.com

Product Name : Pile Intergrity Tester

Product Code : TEST5176RTLABT-0028



Description :

Pile Intergrity Tester

Technical Specification :

Pile Intergrity Tester

The Pile Integrity Tester (PIT) may be used on most concrete or wood foundations. The PIT may also be used to test piles integral in the structure, such as those supporting existing bridges or towers, and may assess their length.

Specifications: Able to test 200+ piles can per day Handheld, Storage for over 700 results On site analysis of pile length, section and stiffness Backlight LCD screen for working in dark environments Simulation software for analysis of pile and soil properties Impedance log for measuring changes in pile properties Instrumented Force hammer Software: Analysis software is supplied as standard. Measurements Acquisition: 2 channel, 16 bit acquisition at 25Khz sample rate. Pre-trigger on bochannels and auto-ranging gain featur Frequency Range: 0 Hz to 5000

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Storage: 700+ results, including 3 data sets per pile with full header informatiosite, pile no, diameter, operator, transducers and date/time stam

Displays

Velocity-Time:. Output from geophone in time domain. Used for length calculation. Force-Time: Used to check the force duration and Force-Frequency: To check force spectrum and validiMobility Frequency: Mobility or impulse response curve is displayed. Length and pi stiffness calculations can be made cursors. Theoretical mobility Transducers Impulse Hammer: 1.2Kg fiber glass shafted hammer, with built in constant current loa celFitted with black plastic tips suitable up to 1500Hz range. Geophone: Vertical Sensor geophone, type SM 6 Nominal output 30 volts/m/sec, with natural frequency of 4.5H Calibration: both transducers supplied calibrated General Operating Temperature: 0 to 500 C Accuracy Frequency: 0 1000Hz, ±0.5%, Black Mobility: 20 800Hz, ±15 Mobility: 800 1000Hz, ±50% Power Battery: 1.2V NiMH rechargeable "AA" cells Power off: Auto Standard Supply Include: toPile Integrity tester, Instrumented Hammer, Spare hammer ti Geophone, USB Data transfer cable, AC Adapter charger, DC Charg lead, Waterproof, Padded Carrying case, Protective pouch with nec strap, Instruction Manual, Software CD.



Testing lab instruments India