

Special **Products & Practice** *Showcase*

Nondestructive Test Equipment

(...)



PILE DYNAMICS, INC.

The Pile Integrity Tester (PIT) confirms the absence of major cracks and voids on any type of concrete foundation. A test consists of attaching one or two accelerometers to the foundation and using a small handheld hammer to impact it. The accelerometer data reveal any significant changes in cross section that exist along the shaft. The unit is light, battery powered, operated through a high visibility touch screen, and available in two models. The PIT-V reads data from one accelerometer for data analysis in the time domain. The PIT-FV reads data from one accelerometer and one instrumented hammer or from two accelerometers, allowing frequency domain analysis, the investigation of defects near the pile top, and length assessment of unknown foundations. Both models conform to ASTM D5882-07.

—*Pile Dynamics, Inc.*

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