

Pile Dynamics, Inc. releases Pile Integrity Tester model PIT-X2

The small and wireless Pile Integrity Tester, PIT-X, was an instant success when Pile Dynamics Inc. (PDI) released it about a year ago, making integrity assessment of concrete piles by the low strain method more convenient without compromising data quality.

However, those that wanted to use the PIT to test the integrity or evaluate the length of foundations using two accelerometers still had to use the larger, cabled PIT-FV. With the release of PIT-X2, this is no longer the case. While routine integrity tests may be performed with one accelerometer, a second accelerometer becomes necessary to test piles under existing structures, to deter-



mine concrete wave speed, to evaluate unknown foundation length or to better analyze the records of relatively large piles.

The PIT-X2 looks exactly like the PIT-X, acquiring data from two accelerometers that are coupled to a wireless transmitter. As is the case with previous generations of PIT, the PIT-X2 works with a small hand-held hammer. A PIT-X2 model that will acquire data from the user's choice of either a second accelerometer or an instrumented hammer (the latter is required by code in some countries and is useful in certain complex pile testing situations) is under development.

In addition to the Pile Integrity Tester, Pile Dynamics produces several other quality assurance and quality control products for the deep foundations industry. The company is located in Cleveland, Ohio, USA, and has commercial representatives in all continents. For more information visit www.pile.com.

