



# SHAPE<sup>®</sup> Deployment System

## Shaft Area Profile Evaluator (SHAPE<sup>®</sup>)

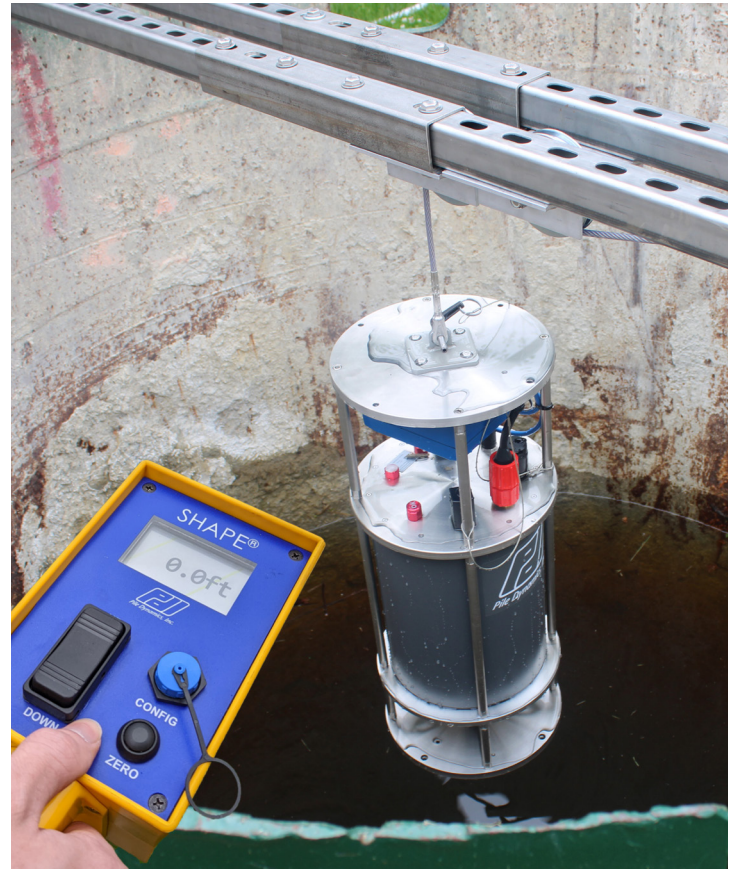
SHAPE<sup>®</sup> is a cost-effective quality assurance testing device providing a visual representation of a drilled excavation prior to concrete placement in either wet or dry conditions. PDI offers three SHAPE systems (wet, dry, or cabled) to fit the design intentions of a given project.

SHAPE Deployment System is a motorized winch with a modular rail assembly that allows for rapid deployment of a SHAPE Sensor Unit into varying diameter shafts without the need to utilize a Kelly Bar or Drill Rig. The system consists of a winch unit, motor control box, handheld controller with depth display, and modular rail assembly. The winch unit is battery powered eliminating the need for onsite power. The modular rail assembly is easily adjustable with basic hand tools for shafts of varying diameters.

The SHAPE Deployment System:

- Accommodates all three SHAPE Data Collection Units
- Battery Powered (Power Tool Battery – Dewalt or Makita Available)
- Capable of deploying device in shafts of 500 ft (152 m) in depth
- Rail system adjustable for shafts up to 17.5 ft (5.3) in diameter
- Allows quick and efficient excavation profile assessment

For additional information, visit [www.pile.com](http://www.pile.com).



**Pile Dynamics, Inc. (PDI)** is the world leader in developing, manufacturing and supplying state of the art QA/QC products and systems for the deep foundations industry. The company is headquartered in Cleveland, Ohio, USA, with offices and representatives worldwide. For additional information visit us at [www.pile.com](http://www.pile.com) or contact [info@pile.com](mailto:info@pile.com).