



Pile Dynamics, Inc.
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Technical Specifications

Strain Transducer Calibrator (STC) Technical Specification

Physical

Size

609.6 x 508 x 177.8mm (24 x 20 x 7 in)

Weight

~36 Kg (~80 lbs.)

Material

Aluminum

Temperature Range

Operating 5° to 50° C (41° to 122° F); Storage -40° to 85°C (-40° to 185° F)

Power

External 12V DC power supply

Electronic

Data port

USB 2.0 Mini B

Excitation Voltage for Calibration

5.0V DC

Displacement Measurement

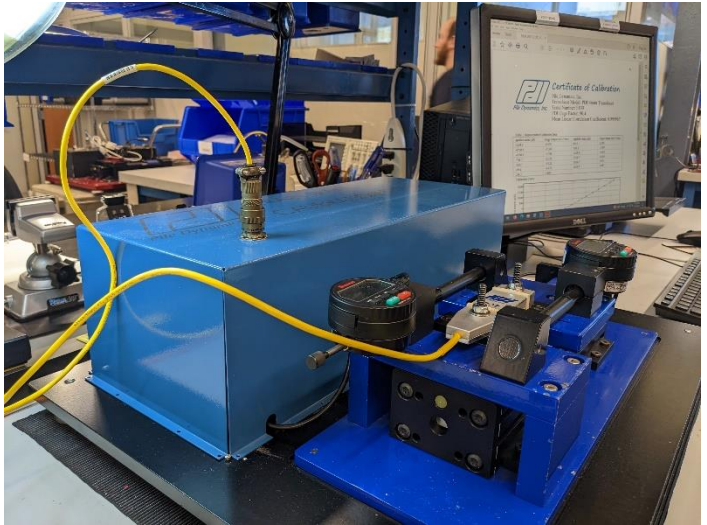
Dual Electronic Indicators averaged

Displacement Range

25 mm (1 in)

Displacement Resolution

mm (0.00004 in)





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Displacement Accuracy

± 0.02 mm (± 0.0008 in)

Built in smart chip reader/programmer

Other

Comes with the Strain Transducer Calibrator System Software Program

Torque wrench and 7/16 socket provided

Compatible with full resistive bridge strain gages with 7-pin connectors

Adapter cable for calibrating 6-pin Strain Transducers provided

Gages sold separately

Adapter cables for Deep Water, Underwater (Seacon), and Threaded Strain

Transducers sold separately

Full one-year warranty

Setup Guide provided in PDF form on a USB Drive