



Pile Dynamics, Inc.

Quality Assurance for Deep Foundations

Manual Accelerometer Calibrator (MAC) Specifications

19-274

Main Unit

Size: 406 x 406 x 1600 mm (16 x 16 x 63 in)

Weight: 80 Kg (175 lbs.)

Max Accelerometer Acceleration: 1200 g's (2000 g's with special impact head)

Max Accelerometer Velocity: 5.3 m/s (17.4 ft/s) (6 m/s (19.7 ft/s) with accelerated impactor possible)

Calibrates up to two accelerometers simultaneously

Calibration Method: Direct comparison to two traceable reference accelerometers using the MAC software on a PDI 8G Pile Driving Analyzer

Automatically reads accelerometer serial number if recalibrating PDI smart gages

Programs PDI smart gages with new calibration data

Requirements

PDA Model 8G with Windows 10® Operating System and PDA-S software

Compatible printer

Digital Thermometer and Hygrometer

Recommended

Torque wrench (5 N-m, 40 lbs.-in)

Accessories

System includes MAC software installed remotely by PDI into customer's PDA-8G

MAC software operates in English/SI/Metric units

2 MAC Reference PE Accelerometer

Allen key set (US)

Socket wrench and 7/16 in socket

Assortment of 1/4-20 bolts

10 Buna-N O-Ring AS568A Dash 012

Technical manual provided in PDF form on a USB drive

Shipping

Wooden Shipping Crate

(2) Clamping Shaft Collars are installed to prevent impactor movement during shipping

Dimensions: 813 x 940 x 1804 mm (32 x 37 x 71 in)

Total Shipping Weight: 195 Kg (425 lbs.)