



Pile Dynamics, Inc.
www.pile.com • 1.216.831.6131

Technical Specifications

Thermal Integrity Profiler (TIP-Q)

Main Unit

Physical

Size:

- 272 x 212 x 60 mm (10.7 in x 8.3 in x 2.4 in)

Weight:

- 2.04 Kg (4.5 lbs.)
- Sunlight readable VGA color display for any lighting conditions, resolution 640 pixels x 480 pixels

Screen Size:

- 21.3 cm (8.4 in)

Temperature Range:

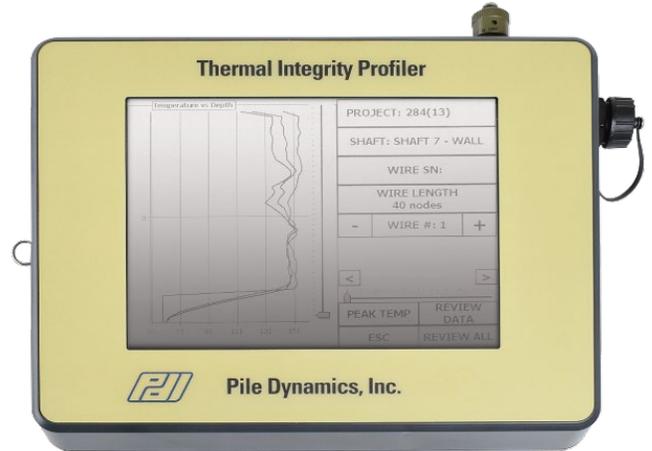
- Operating: -20° to 40° C (-4° to 104 ° F); Storage: -30° to 65° C (-22° to 149° F)
- Powered by Internal Battery (10-hour duration)

Data Storage:

- Built in 256 GB drive minimum

Data Retrieval:

- USB port or WiFi
- Microsoft Windows® 10 or higher Operating System





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Technical Specifications

Thermal Acquisition Port (TAP-Edge)

Size:

- 114 x 65 x 41 mm (4.5 x 2.6 x 1.6 in)

Weight:

- 400 g (0.9 lbs.)

Temperature Range:

- Operating -20° to 65° C (-4° to 149° F); Storage -40° to 85° C (-40° to 185° F)
- Contains 2 installed Li-Ion battery (14.8 W Hrs.)
- Internal Rechargeable Battery (20-day duration)

Sampling Frequency:

- User programmable, defaulted to once every 15 minutes
- Hangs from reinforcement cage; may be bolted to cage for security
- Water Resistant



Thermal Aggregator for Wires (TAG)

Size:

- 160 x 80 x 57 mm (6.3 x 3.2 x 2.2 in)

Weight:

- 580 g (1.3 lbs.)

Temperature Range:

- Operating: -20° to 65° C (-4° to 149° F); Storage -40° to 85° C (-40° to 185° F)
- Contains 2 installed Li-Ion battery (22.2 W Hrs.)
- Internal Rechargeable Battery (10-day duration)

Sampling Frequency:

- User programmable, defaulted to once every 15 minutes
- Hangs from reinforcement cage; may be bolted to cage for security
- Water Resistant





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Technical Specifications

Thermal Wire[®] Tester Box

Size:

- 133 x 102 x 57 mm (5.2 x 4 x 2.2 in)

Weight:

- 766 g (1.7 lbs.)

Temperature Range:

- Operating: -20° to 65° C (-4° to 149° F); Storage -40° to 85° C (-40° to 185° F)
- Contains 1 installed Li-Ion battery or 0.64 grams ELC
- Internal Rechargeable Battery (28-day duration)
- LCD Display Screen
- Adapter cable included for splice cables and is required for spliced cables
- Does not store data





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Technical Specifications

Thermal Wire® Cables

Sensor Type:

- Digital
- Furnished in rolls of length starting at 6 m (20 ft) with length increments of 1.5 m (5 ft)

Sensor spacing

- 305 mm (12 in)

Sensor Operating Temperature:

- -20° to 105° C (-4° to 221° F)

Sensor Accuracy:

- $\pm 0.5^{\circ}$ C ($\pm 0.9^{\circ}$ F)

Splicing:

- Multi segment cables available upon request – featuring quick-connect



Depth Measurement Unit

Type:

- Rotary Encoder

Resolution:

- 2.5 mm (0.1 in)

Other

- Soft carrying case
- Full one-year warranty
- Operates in English, SI, or Metric units
- Technical manual provided in PDF form on a USB drive