

FOUNDATION TEST GAUGE

MODEL FTG-1



(Windows 7-10 tablet or notebook supplied by user)

Based on the Sonic Echo Principle

Meets ASTM Standard D5882

Measure the depth and integrity of shafts and piles.

Ideal for testing cell tower foundations.



Applicable For:

- Drilled Shafts
- Driven Concrete Piles
- Timber Piles

Test For:

- Deep Foundation Depth
- Integrity:
 - Cracks
 - Voids
 - Soil/Water Intrusions
 - Uncured or Weak Concrete
- Diameter Changes (bulb, neck or break)

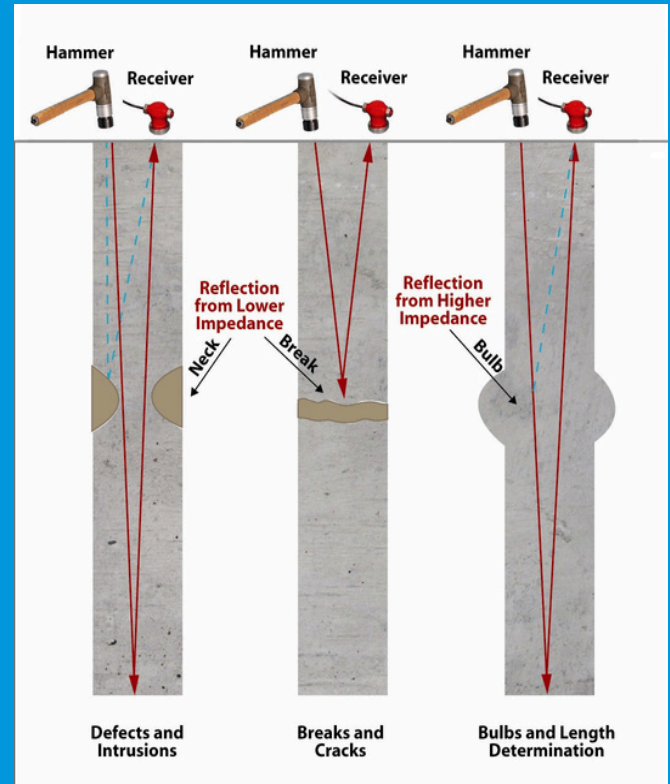
Features:

- Small, lightweight and easily transported
- Fast and accurate field measurements
- Real-time waveform display while testing
- Digital filtering of data
- Switch between english and metric units
- Save results for later review
- Includes accelerometer receiver and cables
- Includes 3 lb (1.4 kg) non-instrumented hammer with removable tips
- The FTG system must be used with a Windows 7-10 device running Olson Instruments' FTG software. **The computer or tablet is supplied by the user.**



Olson's FTG Software showing sonic echo waveform

SONIC ECHO TEST METHOD



About Olson Instruments

Headquartered in Wheat Ridge, Colorado, USA, Olson Instruments specializes in **Nondestructive Evaluation** equipment for the civil engineering industry. We are an established manufacturer of sensors and data collection systems since 1993.

Olson Engineering Inc. specializes in **Nondestructive Evaluation and Internal Condition Assessment of Civil Infrastructure** throughout the world as well as **Geophysical Services** for engineering purposes.

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