



HGS (INDIA) LIMITED



HGT SERIES OF GEOPHONE TESTERS

A solution for every QC problem

HGT-1L – 3 Channels Geophone Test Option



Versatile Quality-Control System

Geophone Test – 3 Channels at Once

Hydrophone Test Option Available

System includes: HGT-1L unit, GeoTest Cable, Power & Ethernet Cables

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Specifications: HGT-1L*



Natural Frequency

- Range 1 to 150 Hz
- Accuracy +/- 1% (+/- 0.5 Hz below 7 Hz) (+/- 2% above 15 Hz)
- Display Resolution 0.01 Hz

Coil Resistance

- Range 20 to 99,999 Ohm
- Accuracy +/- 1 % or 1 ohm whichever is greater
- Display Resolution 0.1 Ohm

Damping

- Range: 0 to 0.85
- Accuracy +/- 1 % of measured value
- Display Resolution 0.001

Sensitivity

- Range 0 to 999 V/m/s
- Accuracy +/- 2 %
- Display Resolution 0.1V/m/s

Harmonic Distortion

- Range 0-20%
- Accuracy +/- 10% of measured value or +/- 0.01 % whichever is greater
- Display Resolution 0.01 %

Impedance

- Range 20 to 99,999 Ohm
- Accuracy +/- 1 % or 1 ohm whichever is greater
- Display Resolution 0.1 Ohm

Leakage

- Range 1-100 M Ohm
- Accuracy +/- 1%
- Display Resolution 0.01 M Ohm

Physical Characteristics

- Dimensions 14.0 x 5.5 x 3 in. (356 x 140 x 76 mm)
- Weight 3.4 lbs (1.55 kg)

Environmental Specifications

- Operating temperature range -20 to +50°C
- Storage temperature range -20 to +40°C
- Humidity 0 – 80% RH
- Housing standard IP-65

* Measurement Standard Measured at +20°C