



HGS (INDIA) LIMITED



HGT SERIES OF GEOPHONE TESTERS A solution for every QC problem

HGT-1F – Portable In-Field Test Option



- Test Geophones where they are planted
- Imbedded Computer – Small, Lightweight & Portable
- Geophone Test – 3 Channels at Once
- Hydrophone Test Option Available
- System includes: Portable HGT-IF unit, GeoTest Cable, Ethernet Cable, Power Cables & Battery Charger



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SPECIFICATIONS of HGT-1F*	
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 larger
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 larger
Display Resolution	0.1 Ohm
Leakage	
Range	1-100 M Ohm
Accuracy	+/-1%
Display Resolution	0.01 M Ohm
Physical Characteristics	
Dimensions	11.5 x 5.5 x 3.25 in. (292 x 140 x 82 mm)
Weight	5.0 lbs (2.27 kg)



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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*

Version 1.1