



# 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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<b>SPECIFICATIONS of HGT-1F*</b>	
<b>Natural Frequency</b>	
Range	1 to 150 Hz
Accuracy	+/- 1% (+/- 0.5 Hz below 7 Hz) (+/- 2% above 15 Hz)
Display Resolution	0.01 Hz
<b>Coil Resistance</b>	
Range	20 to 99,999 Ohm
Accuracy	+/- 1 % or 1 ohm whichever is larger
Display Resolution	0.1 Ohm
<b>Damping</b>	
Range	0 to 0.85
Accuracy	+/- 1 % of measured value
Display Resolution	0.001
<b>Sensitivity</b>	
Range	0 to 999 V/m/s
Accuracy	+/- 2 %
Display Resolution	0.1V/M/s
<b>Harmonic Distortion</b>	
Range	0-20%
Accuracy	+/- 10% of measured value or +/- 0.01 % whichever is greater
Display Resolution	0.01 %
<b>Impedance</b>	
Range	20 to 99,999 Ohm
Accuracy	+/- 1 % or 1 ohm whichever is larger
Display Resolution	0.1 Ohm
<b>Leakage</b>	
Range	1-100 M Ohm
Accuracy	+/-1%
Display Resolution	0.01 M Ohm
<b>Physical Characteristics</b>	
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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<b>Environmental Specifications</b>	
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

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