

3D-LAND GEOPHONE MOD. 3DLG-2

www.pasigeophysics.com



3DLG-2 is delivered with adjustable feet (for applications on hard surfaces) and with interchangeable spikes (for on soft ground use) →



The 3D Land Geophone **Mod. 3DLG-2** is the ideal accessory to add to your seismic instrumentation and perform **HVSR**, **MASW** and **Vibration Analysis**. One vertical and two horizontal high-performing sensors - with 2Hz resonance frequency and properly coupled - are mounted in a robust waterproof case, delivered with adjustable feet and interchangeable spikes.

3DLG-2 has a connector that blocks the sensor elements to avoid damage during transportation.

The system is supplied complete with connecting cable for the seismograph and a carrying case.

APPLICATIONS:

- HVSR
- SURFACE WAVES (active and passive methods, Rayleigh & Love waves analysis)
- VIBRATION MONITORING AND ANALYSIS
- HOLISURFACE® (data processing with third-party software)

TECHNICAL SPECIFICATIONS 3DLG-2

Nat. Resonance Frequency	2 Hz \pm 10%
Sensibility	2 V/cm•S ⁻¹ \pm 5%
Internal Resistance	5.8 k Ω \pm 5%
Damping	0.7 \pm 10%
Harmonic Distortion	\leq 0.2%
Insulating Resistance	\geq 10 M Ω
Working Temperature	from -25°C to +55°C
Sensor Clamping	With blocking connector
Dimensions	Diam. 128 mm h. 175mm (spike excl.)
Weight	2.3 Kg

P.A.S.I. S.R.L. — Via Galliari 5/E — 10125 Torino - Italy
tel. +39 (0)11 6507033 - sales@pasisrl.it - www.pasigeophysics.com

Specifications subject to change without notice

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