

3D BOREHOLE GEOPHONE PASI MOD. GFA 50/100

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GEOPHYSICS

GFA 50/100 3D borehole geophone is realized with 3x high sensitive geophones (nat.freq.10 Hz- 1 vertical and 2 horizontal sensors) oriented according to a triad of orthogonal Cartesian axes XYZ. Delivered with a cleat assembly to sustain its weight at the requested depth (GFA cable is graduated in meters), this borehole geophone has a pneumatic-mechanical clamping system. You will simply have to connect the air pump to the GFA panel and you will be ready to operate in the field: by inflating air at 2-3 bars, you will obtain the best coupling of the sensors to the borehole wall (diameter between 50 and 110mm. if used with the standard spacer block).

The GFA is lightweight and easy to carry; the aluminium anodized case of the probe is suitable for field use and easy to maintain.

Moreover, two GFA can be mounted one over the other by using the optional joining accessory.

Applications:

- DOWNHOLE
- CROSSHOLE (with **Mod.CHE** seismic borohole energizer)
- Vs30

Available Models:

Mod. GFA-50 (with 50m of cable)

Mod. GFA-100 (with 100m of cable)



TECHNICAL SPECIFICATIONS GFA-50/100

Number of geophones	3 geophones with nat.freq.10Hz+/-5% (1 vert.+ 2 horiz.), high sensitivity (100V/m/sec +/-5%)
Cable lengths	50m or 100m, graduation in meters, mounted on cable reel with probe support
Probe dimensions	Ø50mm, length 570mm (aluminium anodized case)
Borehole diameter	Min. 50mm, max. 110mm (with standard spacer block; larger diameter can be supported on request)
Cable reel dimensions	540x400x250mm
Weight	GFA-50: <12kg; GFA-100: <17kg
Connection to seismograph	Standard: Cannon type NK2721C (GEA24, 16SN-U-P) or Souriau conn. (GEA3, Anteo) Other adapters available on request

Specifications subject to change without notice

