Borehole tools available from Geomatrix

Your Geophysical Source

Geometrics DHA-7 downhole hydrophone array

BGK-7 3 component downhole geophone assembly from Geotomographie.
Contains 6 horizontal geophone elements at 30° increments for easier identification if shear waves and one vertical geophone element

Geomatrix Earth Science is pleased to announce that we have a range of downhole tools available in our rental pool which comprise:

- Geometrics 24 channel DHA-7 downhole hydrophone array, 100m lead in distance, 1m hydrophone interval
- Geotomographie S Save sparker sonde on 100m cable
- Geotomographie P wave sparker sonde on 100m cable
- Geotomographie BGK-7 3 component side wall clamping borehole geophone tool, 2 off

These can be combined with our Geode seismograph to provide a superior cross hole data acquisition system

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Specifications:

DHA7	
Number of hydrophones	24
Spacing	1m
Lead-in distance	100m
Termination connector	Bendix 61S
Sensitivity	-197 dB re 1 volt per 1 uPa
Frequency response	1 Hz to 10 KHz
Maximum diameter	28mm
BGK-7	
Number of geophones	6 horizontal, 1 vertical
Frequency response	28 Hz to 3 KHz
Tool diameter	50mm
Tool length	550mm
Orientation compass	5 Deg resolution
Clamping	Air bladder
Termination connector	Bendix 61S
IPG 1005 power supply	
Weight	~52 kg
Impulse voltage	5 KV
Impulse energy	1000j
Repetition rate	4 to 7 seconds
Dimensions	52 x 25 x 50 cm
Power requirements	230 VAC, 50 Hz, 2.5A
S wave sparker tool	
Maximum tool diameter	64mm
Length	880mm
Cable length	100m
Clamping	Air bladder
P Wave sparker tool	
Maximum tool diameter	45mm
Length	830mm
Cable length	100m

Geomatrix
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