

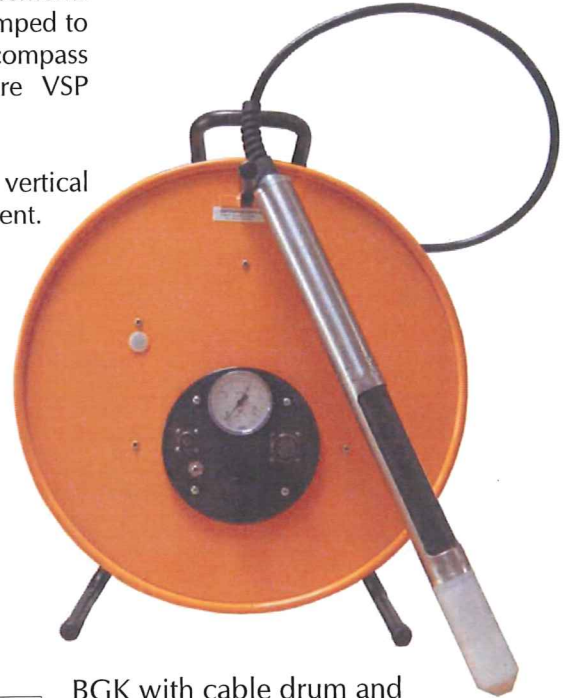
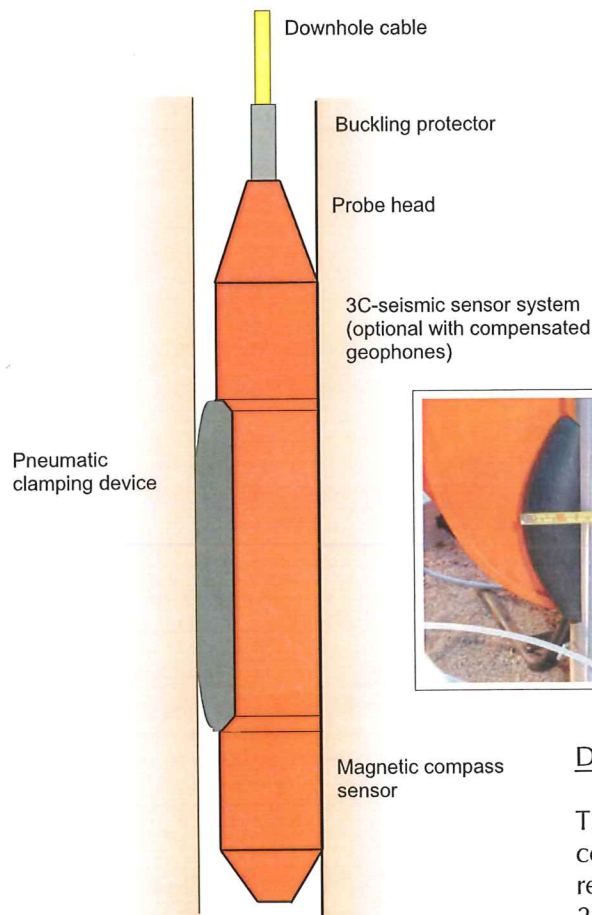


Borehole Geophone BGK3 / BGK7

The borehole geophone BGK3 consists of 2 horizontal receiver elements and a vertical one. The borehole geophone is pneumatically clamped to the borehole wall by means of a robust air bladder. A magnetic compass shows azimuthal deviation to North. Typical applications are VSP surveys, crosshole measurements and shear wave tomography.

The BGK7 borehole geophone consists of 6 horizontal and one vertical receiver element. The horizontal receivers are in a 30° arrangement.

Schematic Diagram of BGK3/7



BGK with cable drum and magnetic compass display







Dual Downhole System VSP

The Dual Downhole System consists of two 3C borehole receiver which are placed at 2m distance to each other in one borehole.



Technical data:

- Geophone elements: H / V
- Frequency response: 10, 14 or 30 Hz
- Tool diameter: approx 50 mm
- Tool length: approx 550 mm
- Housing: Stainless steel
- Clamping: Air Bladder
- Applicable borehole size: 90 mm
- Magnetic Compass

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