



CHE

Borehole energizer

PSI

CHE

is a compact size but very powerful tool, specially designed for small-scale cross-hole surveys. This **borehole seismic energizer** can be used to generate both **P and S waves**. The hammer can be downloaded using the steel cable and clamped to the requested depth by a **pneumatic clamping system** manually controlled by a lever from the surface. Simply pushing up the steel cable to execute the first shot, the trigger installed on the energizer will start the acquisition. After that you will have to drop the mass to make the second acquisition, with inverse polarity.



METHODS CHE



- **CROSSHOLE**
(ASTM D4428-M84)

CHE STANDARD SYSTEM INCLUDES:

CHE - 50:

- **Cable reel with probe, 50m of cable** plus steel traction cable
- **Compressor** (12V power supply - requires ext. battery, not included)
- **Trigger cable**

CHE - 100:

- **Cable reel with probe, 100m of cable**
- **Compressor** (12V power supply - requires ext. battery, not included)
- **Trigger cable**
- **Additional reel** with 100m of steel traction cable



TECHNICAL SPECIFICATIONS CHE

1-YEAR WARRANTY

Probe Material	Galvanised iron
Cable length	50 / 100 m (on cable reel)
Probe Diameter	70 mm
Probe Length	600 mm
Hole diameter (with standard spring)	Min.70 mm ; Max.80 mm (> with optional adapter)
Probe Weight	3.5 kg
Total Weight	15.5 kg (CHE-50) - 24.5kg (CHE-100)

Technical specifications subject to change without notice



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