

Borehole seismic

ASPU-65-3C downhole seismic heat-resistant apparatus with an operated clamping device

is designed for borehole seismic methods VSP, NVSP, MOG in deep and ultra-deep wells.

FEATURES AND ADVANTAGES

- Downhole seismic heat-resistant apparatus ASPU-65-3C is a modernized downhole tool designed for the Kola ultra-deep well;
- The apparatus is made in two modular variants for work on the seven-conductor wire-line and a single-module version on the triple cable.

SPECIFICATIONS

| | |
|-----------------------------------|----------|
| Probe composition tools quantity | 3 |
| Frequency range, Hz | 5-250 |
| Dynamic range, dB | from 84 |
| Maximum operating temperature, °C | 200 |
| Maximum hydrostatic pressure, MPa | 150 |
| Maximum clamping force, N | 1500 |
| Borehole size, mm | 90 - 400 |
| Tool dimensions, mm: | |
| - diameter | 65 |
| - length | 1210 |
| Weight, kg | 25 |

The apparatus is designed to work with its own interface block, which is directed by under the control of technology software performs digitalization of seismic data, transfer them to a personal computer (PC), that controls the operations of the clamping/lapping modules and have a liaisons with complex associated equipment.

