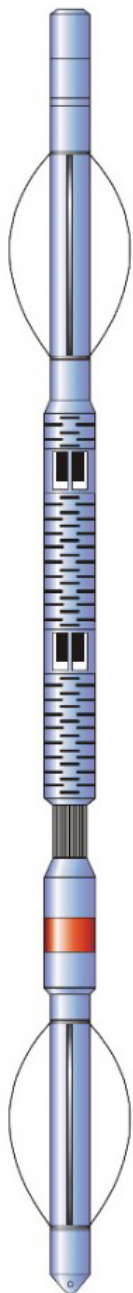


Open hole Cased hole

ZAS-03 SI Sonic Log and Cement Bond Log Tool



SCOPE OF APPLICATION

The tool is designed to evaluate the quality of casing cementing and logging of open hole sections by kinematic and dynamic parameters of elastic waves

CHALLENGES

- identification of poor cementing and bad-bond intervals
- lithology differentiation, identification of reservoirs, porosity determination.

FEATURES AND ADVANTAGES

- high quality operation in a variety of geological and technical conditions;
- well logging at a wide range of borehole and casing diameters.
- quick replacement of transmitters.

SPECIFICATIONS

Probe scheme	R ₂ 0,5R ₁ 1,5T
Max operating temperature, °C	120
Max hydrostatic pressure, MPa	80
Borehole diameter, mm	100÷400
Tool dimensions, mm	
- size (without centralizers)	73
- length	max 4800
Transmitter size for replacement, mm	73, 90, 140
Number of cores used, pcs	3
Tool weight, kg	max 60