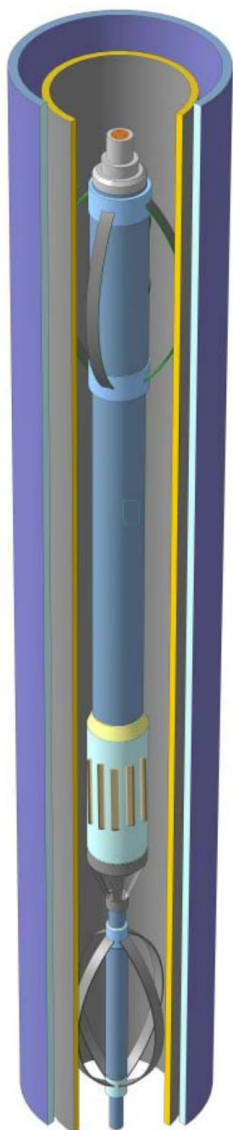


Cased hole

MID-SK-100 Scanning magnetic-pulse defectoscope-caliper



APPLICATION

Application MID-SK-100 defectoscope allows to investigate one (central) column, indicating defects and corrosion zones, quantitative diagrams or tables of column thickness in a circumferential direction in millimeters, and also allows to divide column defects into sectors.

APPARATUS CONFIGURATION

- high-sensitive thermometer to register temperature along a borehole while defectograms recording for emphasizing perforation zones and through holes in the column after changes of thermograms caused by liquid and gas crossflows;
- gamma ray logging (GK) module for defect data referencing to geological horizon

APPLICATION FIELD

The tool is used for gas/oil and gas and other well prospecting with casing diameter up to 184 mm/internal diameter from 110 mm/casing thickness up to 12 mm.



SPECIFICATIONS

Number of scanning channels	12
Format of data transfer	Manchester-2
Wireline baud rate, Mbaud	1/48
Type of logging cable	armoured, any core-number
Pipes number	2
Maximum outer diameter of 2 pipes, mm	245
Minimum pipe thickness, mm	3
Maximum thickness of single pipe, mm	16
Minimum length of fracture along pipe axis, mm	20
Minimum hole diameter, mm	20
Minimum length of cross fractur	50
Maximum downhole pressure, MPa	100
Maximum operating temperature, °C	120, 150
Maximum operating pressure for downhole part, MPa	100
Downhole tool dimensions, mm	
- diameter	100
- length	2000
Вес скважинного прибора, кг:	23