

SBT-20

2-3/4" Radial Analog Cement Bond Logging Tool

Description

The Segmented (Radial) Analog Tool (SBT) evaluates the cement bond quality and integrity to both pipe and formation by providing a 360° cement map with a dedicated 8-segment Radial receiver located 2-ft from the transmitter. It also provides standard cement bond amplitude (CBL) through Near receiver (3-ft), and Variable Density Log (VDL) through Far receiver (5-ft).

Applications

- 360° cement map.
- Evaluation of cement bond quality and integrity.
- Location of free-pipe and cement-top.

Features

- Rated for High-temperature and high-pressure environments.
- Compatible with most surface systems.
- Runs on all standard wirelines.
- Combines with all standard pulse tools on the bottom, and with all line-shake CCL on the top.
- All receivers are built in a slotted housing to provide rigidity, strength, and noise isolation.
- Electronic design verified for 1 hour operation at 415°F to ensure reliability.
- Easy to service and maintain.
- Calibration signal replaces near signal when head voltage is equal or less than 90 VDC.
- Proudly designed and manufactured in Canada.

Specifications

Tool Operating Voltage	100 to 150 VDC	Tool Length	2.743 m (9 feet)
Tool Operating Current	35 to 40 mA	Tool Weight	45.36 Kg (100 Lb)
Tool Time Cycle	10 X 40 ms	Tool Positioning	Must be centralized
Max. Temperature	204°C (400°F)	Recommended Logging Speed	9.1 m/min (30 ft/min)
Max. Pressure	172.4 Mpa (25,000 PSI)	Borehole Fluids	Oil - Fresh Water - Brine
Receivers	Near & Far = 2" Dia Omni Radial = 8 Segments	Measurements	Near @ 3 ft, Far @ 5 ft Radial @ 2 ft
Transmitter	2" Dia Omni	Recommended Max. Casing ID	264 mm (10.375 in)
Tool Diameter - OD	69.85 mm (2-3/4 in)	Recommended Min. Casing ID	114 mm (4.5 in)



Downhole Sonic Solutions Inc.

#170, 5255 McCall Way N.E.
Calgary, AB, T2E 7J5, Canada
Phone: +1 (403)219-2108
Fax: +1 (403)219-2106

www.dsstools.com
sales@dsstools.com



Made in Canada



Ver. 2.3