

Technical Specification

The ABEM Terrameter Log 300 is a plug-and-play borehole logging device that is compatible with both SAS and LS product ranges and built on a custom backpack frame. The Resistivity, IP, SP and temperature logs can improve inversion results, increase detail at depth, and assist in the assessment of water quality.

General

Power supply	Power taken direct from LS 2 / LS / SAS
Cable length	300 m
Cable markings	Every meter
Cable material	Corrosion resistant polyurethane
Cable breaking strain	4000N
Electrode material	Stainless steel
Sonde diameter	40 mm
Overall Dimensions	770 x 330 x 240 mm
Weight	16.5 kg

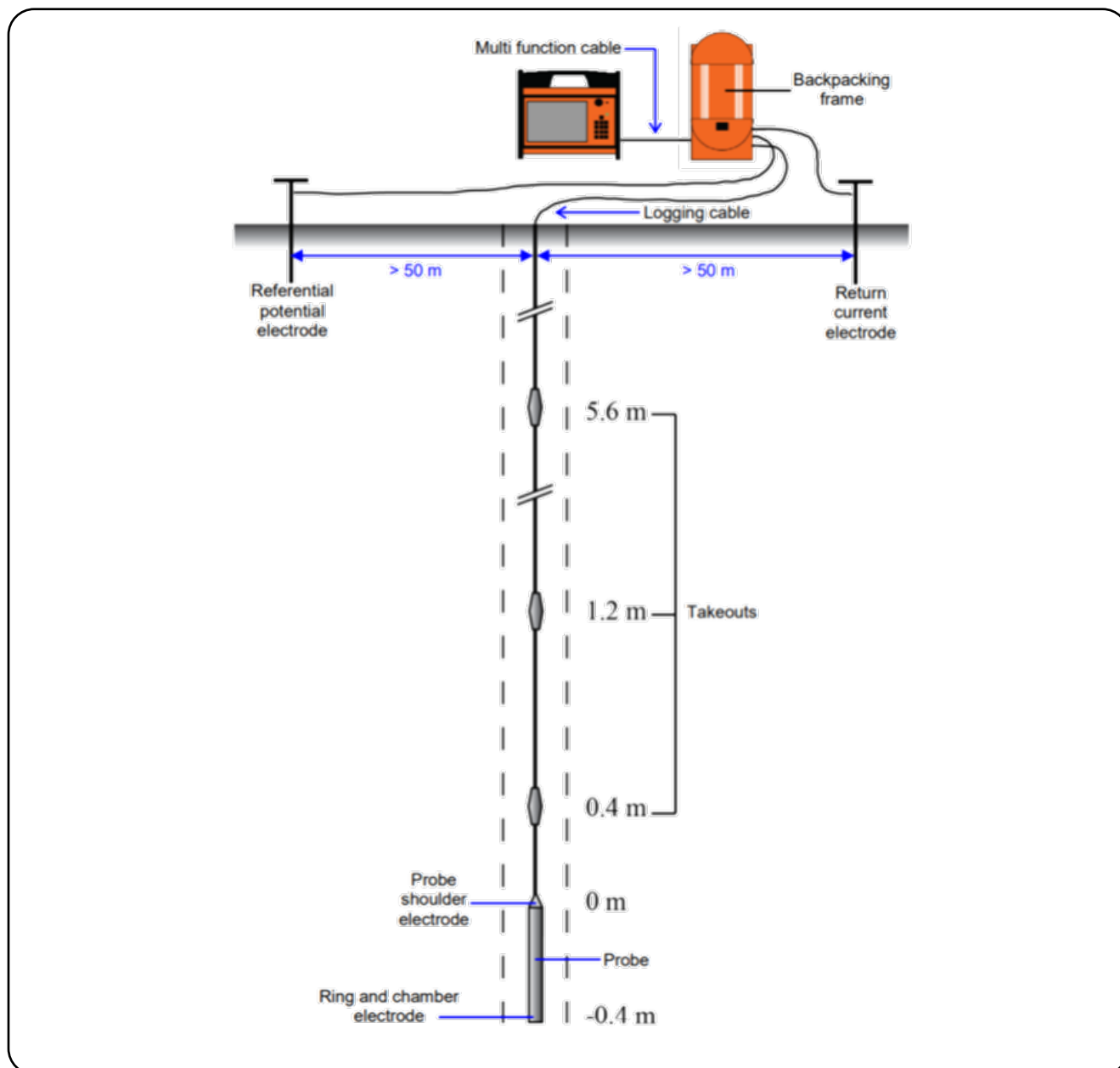


Measurement

Transmitter	Utilises instrument transmitter (LS 2, LS or SAS)
16 inches short normal	Resistivity and induced polarization
64 inches long normal	Resistivity and induced polarization
18 feet lateral	Resistivity and induced polarization
Fluid	Resistivity
Self Potential	0 – 1000V
Temperature Range	0 – 60°C
Temperature precision	± 0.01°C (0 – 20°C), ± 0.1°C (20 – 50°C)
Temperature accuracy	± 1°C
Water Level Indicator	Graphic indicator
Other Functions	Depolarize, reference electrode test, customizable measurement list for up/down records



System configuration



Options

33 0020 11 ABEM multifunction cable

for connection to LS 2 / LS / SAS

33 0015 73 Reference electrode set

comprising: 2x 50m cable on reel, 2x stainless steel electrodes, 2x 2m connection cables, 2x electrode jumper cables

22 0017 05 Tripod with mechanical depth encoder

for easier deployment and more accurate depth measurement

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