



## GET MORE INFORMATION FROM YOUR BOREHOLE

***ABEM Instrument AB provides world leading resistivity instruments that offers high quality data. The instruments can be used for several applications such as Resistivity and Induced Polarization surveys as well as measuring of Self Potential. The Terrameter SAS Log is a useful complement for measuring in water filled boreholes.***

***Get more information from your borehole with a Terrameter SAS Log***

***Enhances your Terrameter with the dimension of borehole logging***

***Fully integrated operation with Terrameter LS as well as Terrameter SAS 1000 & 4000***

**Survey modes include:**

**Short normal resistivity and Induced Polarisation**

**Long normal resistivity and Induced Polarisation**

**Lateral resistivity and Induced Polarisation**

**Fluid resistivity**

**Self Potential**

**Temperature**

**Water Level Indicator**

If you have access to a water filled borehole on the site of investigation a geophysical logging tool will allow you to correlate your surface data to reach a higher degree of accuracy in your interpretation of the geophysical data.

The Terrameter SAS Log accessory connects to Terrameter SAS 1000, 4000 or LS and converts it to a logging system for resistivity and IP. In addition to that it also measures the temperature and SP as well as gives an indication of when the water level is reached. The Terrameter SAS Log is designed as a back-pack to enhance the portability.

The log cable have fixed electrodes and at the bottom end a sonde with the sensors for the other parameters. The meter marked cable is lowered manually into the hole step by step. Readings are taken at each step by activating the measurement of the Terrameter. Data is stored in the memory of the Terrameter for subsequent processing and plotting in a computer with a suitable software like for example LogPlot from Rockware or Strater from Golden software.



Backside of the SAS Log back pack

### Specification

<b>Cable length</b>	300 m (SAS Log 300) 200 m (SAS Log 200)
<b>Cable markings</b>	Every meter
<b>Sonde diameter</b>	40 mm
<b>Weight</b>	22 kg (300 m) 16 kg (200 m)
<b>Dimension</b>	320 x 750 x 220 mm (WxLxH)

### Survey modes / ranges

<b>16 inches short normal</b>	Resistivity and Induced Polarization
<b>64 inches long normal</b>	Resistivity and Induced Polarization
<b>18 feet lateral</b>	Resistivity and Induced Polarization
<b>Fluid Resistivity</b>	
<b>Self Potential</b>	
<b>Temperature Range</b>	0°C to + 60 °C
<b>Temperature precision</b>	± 0.01°C (0-20°C) ± 0.1°C (20-50°C)
<b>Temperature accuracy</b>	± 1°C
<b>Water Level Indicator</b>	

### Optional Accessories

#### Part No.

<b>33 0020 11</b>	Interconnect cable Terrameter SAS 1000 / 4000 / LS to Terrameter SAS Log or Electrode Selector
<b>33 0015 73</b>	Reference electrode set consisting of: 2 x 50 m cable on reel, 2 stainless steel electrodes, 2 interconnect cables 2 m and 2 electrode jumper cables

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### Field Equipment

Consult your local ABEM distributor for full details of the various configurations available for you. Turnkey packages for both 2D and 3D measurements are offered, including cables, electrodes and software. Also a VES configuration is available.