

Reliable measurements.



LE-3Dlite MkIII

Compact, high performance
three - component
1Hz seismometer

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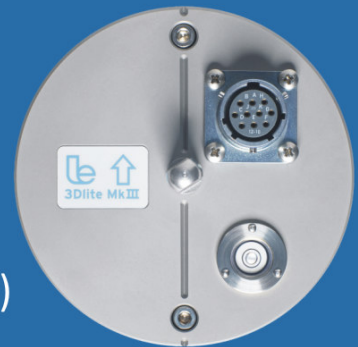


The LE-3Dlite is perfectly suited for all kinds of local (micro)seismic monitoring - no matter if you want to measure tectonic, volcanic or induced seismicity.

The seismometer is made for fieldwork in harsh environments: very robust, small sized and with ultra-low power consumption.

Essential features and characteristics:

- compact and robust instrument
- stainless steel casing
- protection class IP67
- ultra-low power consumption
- quick and easy installation (plug and measure)
- uniform sensitivity and transfer function



Eigenfrequency	1 Hz
Upper frequency limit	100 Hz
Transduction factor	800 V/(m/s)
Output signal	3 analog voltages, 30 Vpp differential
Power supply	+10 ... +16 V DC, < 6 mA @ 12 V
Dimensions	97 mm diameter, 92 mm height (excluding eyebolt)
Weight	1.9 kg
Temperature range	-15°C ... +60°C
RMS noise @ 1 Hz	< 3 nm/s
Dynamic range	> 136 dB