

Reliable measurements.



LE-1D/Vlite MkIII

Compact, high performance
one - component
1Hz seismometer

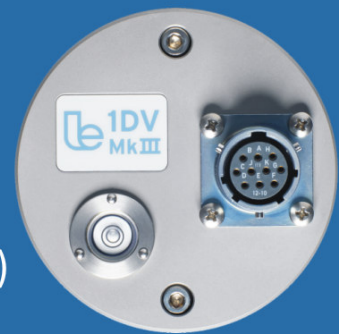
LE-1D/Vlite MkIII



The LE-1D/V is the little brother of the LE-3Dlite and perfectly suited to densify seismic networks, to install seismic small arrays and for engineering purposes. Comparable to the LE-3Dlite, 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	1 analog voltage, 30 Vpp differential
Power supply	+10 ... +16 V DC, < 2.5 mA @ 12 V
Dimensions	76 mm diameter, 92 mm height
Weight	1.1 kg
Temperature range	-15°C ... +60°C
RMS noise @ 1 Hz	< 3 nm/s
Dynamic range	> 136 dB