

Seismic channels range	0.03 mm/s to 200 mm/s
Seismic channels resolution	0.01 mm/s
Air over-pressure channel range	2 Pa (100dB) to 502 Pa (148 dB)
Air over-pressure resolution	0.1 Pa
Frequency range – Seismic channels	2 – 250 Hz
Frequency range – Air over-pressure channels	2 – 250 Hz
Seismic transducer's type	Geophones $f_n = 8$ Hz
Transducer's response correction	IIR filter
Number of channels	3 seismic & optional 4th air over-pressure channel
Sampling rate (samples per second)	1024
Analog to Digital Converter	16 bits
Data storage memory	1000 records
Frequency range	2-250 Hz (ISEE) 1-315 Hz (DIN 45669-1)
Record time	1- 32 seconds in increments of 2 seconds
Trigger mode	Automatic
Record modes	Waveform Bargraph
Data transfer	SD card
External power supply	12 V
Internal power supply	Li-ion battery
Battery life	50 hours
Display	LCD 4 lines x 20 characters & 4 LEDs
Keyboard	Touch panel 8 keys membrane
Protection	IP-65
Dimensions (mm)	165x105x55 mm
Weight (without accessories)	850 grams
Working temperature	-15 to 50 °C
Storage temperature	-20 to 60 °C
Working humidity	Non-condensing
Storage humidity	Non-condensing