

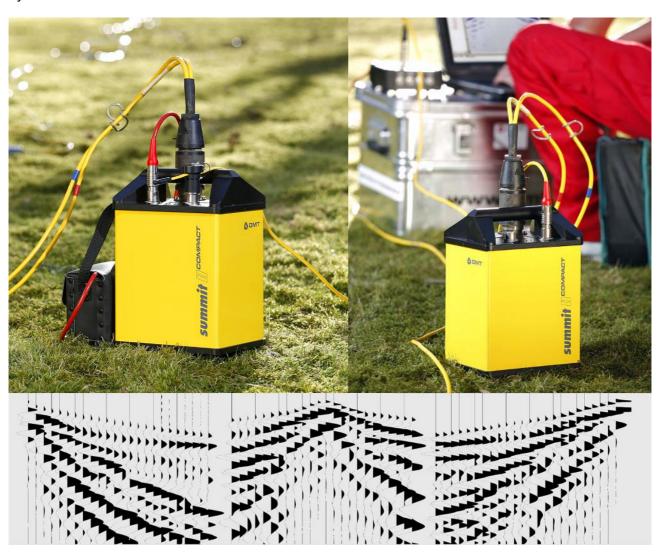
SUMMIT II Compact

The Seismic 'Productivity System'!

The SUMMIT II Compact is the most productive and robust seismic acquisition system for LVL measurements, borehole tomography, and VSP surveys: The twenty-four channel box in a solid metal casing with the SUMMIT 'Plug & Trace' technology can be used in any environment for high speed production. The seismograph works as a stand alone system or several boxes can be linked together with the 'Snap-on' line cable to comprise a multi-channel seismic acquisition system.

Specialised for LVL and Engineering Seismics!

- Highest productivity due to its sophisticated system design
- For specialist applications such as LVL and engineering surveys
- Extremely robust, lightweight metal casing
- Supreme service via rapid reaction support hotline



Analogue Anti-Alias Filter	7.2 kHz 6 dB/octave
Analogue Low-Cut Filter	1 Hz 6 dB/octave
Digital Anti-Alias Filter	0.8 x Nyquist
Rejection at Nyquist Frequencies	-120 dB
Passband Ripple	+/- 0.05 dB
Built-In Test Functions	 Sine wave Pulse Instrument noise Geophone step Sweep transfer Auto correlation Cross correlation
System Check	 Battery status Equivalent input noise Total harmonic distortion Instantaneous dynamic range Common mode rejection Cross talk Time accuracy
Geophone Check	ImpedanceDampingNatural frequencyNoise

Subject to technical changes

Environmental Specifications	
Operation Temperature	-30°C to + 70°C
Humidity Range	0 – 95 %
Case	Solid waterproof metal housing deployable in any surface environment

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9001 certified

Overall System Performance and Flexibility

Typical Shot Cycling Time

 10 seconds @ 1 ms sampling rate, 2 K trace length with 256 channels inclusive data storage; reduced by using multiple USB

Mobile System Control

- via easy to handle standard PC / Laptop

Cables

 Simple low cost two-conductor wire for Snap-on technology or alternatively configured four wire round cable

Connectors

- 55 pin plug analog input connector
- Snap-on connector, four-wired round cable or direct USB 2.0
- Trigger input for direct USB 2.0 version