



Recorder with Battery



Data Recorder with Internal Battery

- Continuous cable-free autonomous recording
- 24-bit resolution and 124 dB instantaneous dynamic range
- Connector for external geophone
- Battery life: 60 days @ 24 hrs/day operation
- Built-in full resolution test generator
- Solid-state flash memory: 16 or 32 GB



Geospace Recorder with Internal Battery

MECHANICAL SPECIFICATIONS

Length x Width	16.94 x 8.89 cm	6.67 x 3.50 in.
Height	7.62 cm	3.0 in.
Weight	1.0 kg	2.2 lbs.
Operating Temperature Range	-40°C to +60°C	-40°F to +140°F

ELECTRICAL SPECIFICATIONS

Digitized 1C Recording Station: 1 Channel, 24-bit A/D Digitizer	
Digitization	24-bit Delta-Sigma
Sample Interval	0.25, 0.5, 1, 2, 4 ms
Pre-amplifier Gains	0, 6, 12, 18, 24, 30, 36dB
Maximum Input Signal	1.77 Vrms
Equivalent Input Noise (@2ms sample interval)	0.17 μ Vrms
Gain Accuracy	Better than 1%
Anti-alias Filter	83% Nyquist
Instantaneous Dynamic Range	124 dB @2ms sample interval
THD (Instrument)	0.0005%
Flash Memory	16 or 32 GB per channel
Frequency Response	1 Hz – 1650 Hz @ ¼ ms sample interval
Battery Module	60 days operation

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Geospace Technologies, Canada
2735 - 37th Avenue N.E.
Calgary, Alberta,
T1Y 5R8 Canada
403 250-9600

Geospace Technologies, China
Room 700, 7th Floor
Lido Office Tower, Lido Place
Jichang Road, Jiang Tai Road
Beijing, 100004, P.R.China
011 (86) 10 6437 8768

Geospace Technologies
Sucursal Sudamericana
Carrera 127-22 G 28 Int. 30
Agrupación Industrial La Esperanza
Bogotá, Colombia
011-57-1-742-7414

Geospace Technologies, Eurasia
Kirovogradskaya, 36
Ufa, Baskortostan
Russia 450001
011 (7) 3472 25 39 73



Geospace UK
F3 Bramingham Business Park,
Enterprise Way, Luton
Bedfordshire LU3 4BU, England
011 44 (0) 7775 688 467

7007 Pinemont Drive • Houston, Texas 77040 USA

www.geospace.com

Tel: 713-986-4444 • Fax: 713-986-4445