

Cargolog® B2.0919 Impact Recorder



Article No: 60919

This registration unit is equipped with: integrated GPS receiver, at your choice with internal GPS antenna or socket for connecting external GPS antenna. Measures and records acceleration, the duration of the acceleration, temperature, humidity and angle with built-in sensors.



Standard equipment:

- ✓ Top side IR connection for communication to PC with the Topcom IR-to-USB interface.
- ✓ Memory capacity, up to 42 200 measurement values.
- ✓ Operates both on alkaline and lithium batteries.

Specifications

Acceleration	0,3-10G \pm 3%, 0,5-20Hz, resolution 0,01G, speed of sampling for acceleration 1kHz. Event triggered on preset levels.
Temperature	-40°C to +85°C, \pm 0,1°C; min interval 1 min - interval > 1 year; resolution 2s
Humidity	0-100%, \pm 3% FS; min interval 1 min - interval > 1 year, resolution 2s
Angle/Leaning	0-90°; measuring of inclination in relation to horizontal \pm 10°; resolution 5°; activated by acceleration or interval; min interval 1 min - interval > 1 year; resolution 2s
GPS	GPS receiver, 22 channel indicates the Geoposition \pm 1,8m (CEP)
Power Battery	Lithium 3,6V, LS33600, size D, up to 12 960 hours (~18 months) in case of 1 sample per 6 hour, operating temperature -40°C to 85°C Alkaline 1,5V, Pro cell, size D, up to 6 500 hours (~9 months); operating temperature -18°C to 50°C, due to the operating performance of the battery
Memory capacity	42 200 measurement values
Start operation	Start by date, start by button or start on download
Weight	511g (exclusive power battery)
Measurements L x W x H	145x145x55mm



Options

Communication	I	Bottom IR connection
	I1	Bottom IR connection and top side IR connection
Wireless communication	B	Bluetooth
	Z	ZigBee
Extended memory capacity	U	87 300 measurement values
	U1	175 000 measurement values
Measuring channels	N	Detailed vibration analysis
	P	Internal Pressure sensor Air 0-2000 mBar
	P1	External Pressure sensor Air 0-2000 mBar
	W	External switch
GPS antenna connector type	G1	Internal GPS antenna
	G2	Internal GPS antenna and GPS socket for connecting external GPS antenna
Battery	E	Impact Recorder excl. power battery
	A	Impact Recorder with Alkaline power battery