

MALÅ EasyLocator

GROUND PENETRATING RADAR

The professional's choice for utility locating

MALÅ Easy Locator, the second generation EL, is a compact, rugged and cost-effective system delivering results on the go. Based on unique HDR technology, MALÅ EL provides an unparalleled level of data quality and exceptional detection capabilities.

MALÅ EL Controller

Processor	1.6 GHz Intel Atom
Display	1024 x 768 mm
Memory	8 GB compact Flash memory
Data output resolution	32 bit (does not allow export of data)
Comms	Ethernet, USB 3.0, RS232 (serial)
GPS	Integrated support for built-in GPS, or external GPS via USB/serial port (NMEA 0183 protocol).
Power supply	Any external 10 -15 V DC source.
Internal Charger	Unit can also be charged from any external 12 - 15 V DC source.
Power consumption	1.3 – 2.0 A
Operating time	8 – 14 h (depending on number of batteries)
Dimensions	430 x 360 x 180 mm, including handles
Weight	2.5 kg / 5.5 lbs
Operating temp	-20 °C to +50 °C / 0°F to 120° F
Environmental	IP 65



MALÅ EL Antenna

Technology	MALÅ Semi-Real-Time patent pending
Antenna center freq.	450 MHz
SNR	> 101 dB
Significant/useful number of bits	> 16 bit
Scans/second	> 770, time window 300 ns
Survey speed	275 km/h point distance 10 cm
Time window	300 ns
Operating time	5 h
Bandwidth	>120%, fractional, -10 dB
Positioning	Built-in DGPS, external GPS, wheel encoder
Power supply	Interchangeable 12 V Li-Ion batt. or ext. 12 V DC source
Power consumption	1.3 A
Acq. Mode	Wheel, time or manual
Dimensions	430 x 360 x 180 mm
Weight	5.5 kg / 12.1 lbs
Operating temp	- 20° to + 50°C or 0° to 120° F
Environmental	IP 65

MALÅ EL Cart

Dimensions, folded for transport	820 x 560 x 400
Dimensions, when in use	1100 x 560 x 1000
Weight	21,5 kg / 47 lbs, with controller and antenna mounted
Battery bay/compartment	Fits four 12 V Li-Ion



MALÅ Rough Terrain Cart

Dimensions, folded for transport	820 x 560 x 400
Dimensions, when in use	1100 x 560 x 1000
Weight	33,5 kg / 73,8 lbs, with controller and antenna mounted
Battery bay/compartment	Fits four 12 V Li-Ion



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Guideline Geo is a world-leader in geophysics and geo-technology offering sensors, software, services and support necessary to map and visualize the subsurface. Guideline Geo operates in four international market areas: Infrastructure – examination at start-up and maintenance of infrastructure, Environment – survey of environmental risks and geological hazards, Water – mapping and survey of water supplies and Minerals – efficient exploration. Our offices and regional partners serve clients in 121 countries. The Guideline Geo AB share (GGEO) is listed on NGM Equity.

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