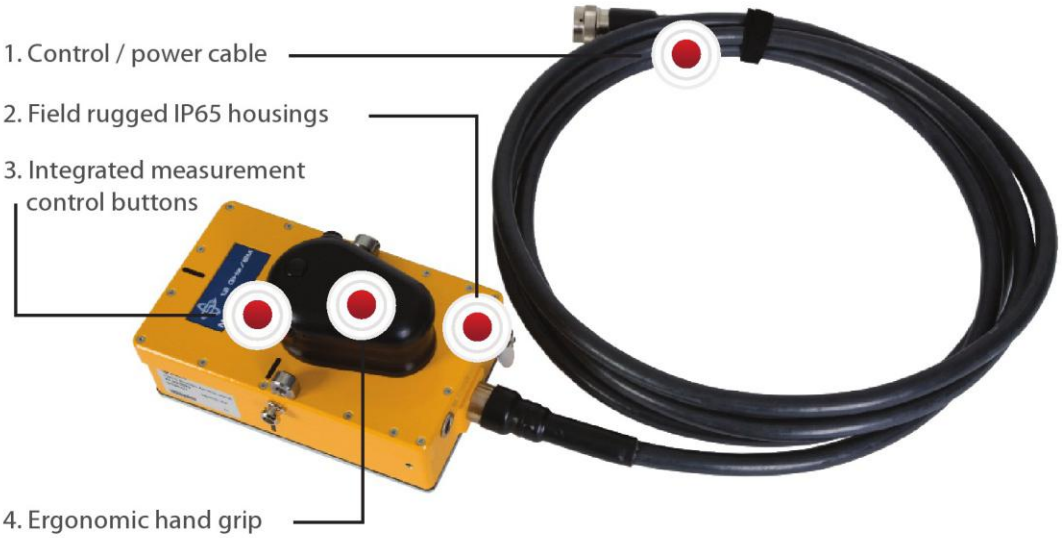
EXACT GLOBAL TEKNOLOGI


High quality connectors


Removable skid / wear plate


MALÅ HF mini-cart


Single measuring wheel



MALÅ High Frequency Antennas

The MALÅ High Frequency (HF) Antenna series offers the best imaging solution with the highest resolution available.

These antennas are primarily used for high precision measurements and surveys, such as Non-Destructive Testing (NDT), imaging of concrete and other structure, forensics, road surveys, layer thickness or other applications requiring high resolution measurements and images within the near surface shallow depths.

These antennas offer a reliable and non-destructive way of gathering subsurface information accurately, efficiently and in real time, for both metallic and non-metallic features such as rebar, conduits, wiring, plastic pipes, post-tension cables, voids and more.

The 1.2GHz and 1.6GHz antennas are also available with a built-in, fully integrated 50/60Hz sensor to aid in the detection and location of energized cables and conduits within the structure under investigation. MALÅ Geoscience was the first GPR manufacturer to offer this unique combination which can provide an extra measure of safety to any project.

Brief Description & Technical Specification

The range of MALÅ HF shielded antennas is fully compatible with both the MALÅ CX Concrete Imaging System and the MALÅ ProEx control unit. These antennas are small and light-weight enabling hand-held surveys. They can also be fitted to the MALÅ HF Cart or to the MALÅ RoadCart.

1.2GHz

The MALÅ 1.2GHz HF Antenna is a high resolution antenna used for high quality radar measurements, with the deepest penetration in the MALÅ HF range. An optional EM sensor enables the detection of radiating 50/60Hz fields from power cables and / or other metallic conductors within the structure under investigation.

Dimensions : 19 x 11,5 x 11 cm – Weight: 1.0 kg
(1.2 kg with 50/60Hz sensor option)



1.6GHz

The MALÅ 1.6GHz HF Antenna is a high resolution antenna used for high quality radar measurements, with medium penetration in the MALÅ HF range. An optional EM sensor enables the detection of radiating 50/60Hz fields from power cables and/ or other metallic conductors within the structure under investigation.

Dimensions : 16 x 9 x 11 cm – Weight: 0.6 kg
(1.2 kg with 50/60 Hz sensor option)



2.3GHz

The MALÅ 2.3GHz HF Antenna is a high resolution antenna used for high quality radar measurements, with the most shallow penetration in the MALÅ HF range.

Dimensions : 16 x 9 x 11 cm – Weight: 0.5 kg



Applications

The MALÅ HF Antennas are recommended for use in concrete investigations, reinforcement studies, road mapping, quality assurance, and more...

Accessories

A number of accessories are available for the MALÅ HF Antennas, including:

- MALÅ HF Cart
- Single measuring wheel
- Extension handle/ cables
- Skid / wear plates

See our webpage for latest information

Exact
INDONESIA *Authorized Agent*
Please Contact
PT. EXACT GLOBAL TEKNOLOGI
Phone No. : +62 22 8732 1192
Fax No. : +62 22 8732 1001
Email : info@exactglobal.co.id
Website : www.exactglobal.co.id