RAMAC/GPR ROADCART (RC)

The Road Cart is designed for high-speed measurements carrying up to two antennas. For deep investigations in the road construction the selection are either one of the 250MHz, 500MHz or 800MHz shielded antennas models. For asphalt, concrete or shallow supporting layer the selections is between a 1.2GHz, 1.6GHz or the 2.3GHz antenna.

For a two channel set up Terraplus recommend the ProEx control unit for a high speed survey. For single channel measurements RC can carry an X3M control unit equipped with a shielded antenna. Another single channel combination is a CX control unit with one of the high frequency antennas.

The fiberglass beam is collapsible and makes the RC very compact for transportation and shipping. This construction also makes it easy to shorten the fiberglass beam if only a high frequency antenna is used.

The flexible and compact construction have a lot of built-in functions such as keeping perfect matching of the high frequency antennas and a smooth and safe rides for the antennas in high speeds. If one of the antennas gets in contact with the surface it moves automatically backwards and upwards at the same time to reduce the stroke.

The adjustment on the RC is easily done for uneven surfaces, gravel roads and the height of the towing hook etc. Whatever the conditions the RC will give a smooth ride for the antennas and guarantee you maximum quality data for the RAMAC ground coupled antennas.

The only thing that is required is a standard sedan car with a (50mm) towing hook and equip the RC with light and displays for every countries regulations.

Dimensions:
Unpacked: 116x29x50cm
Packed (wooden box): 125x35x55cm

Weights:
Unpacked: 19Kg
Packed (wooden box): XX

Wheel size: 16”
Wheel type: puncture proof
Distance encoder: included

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