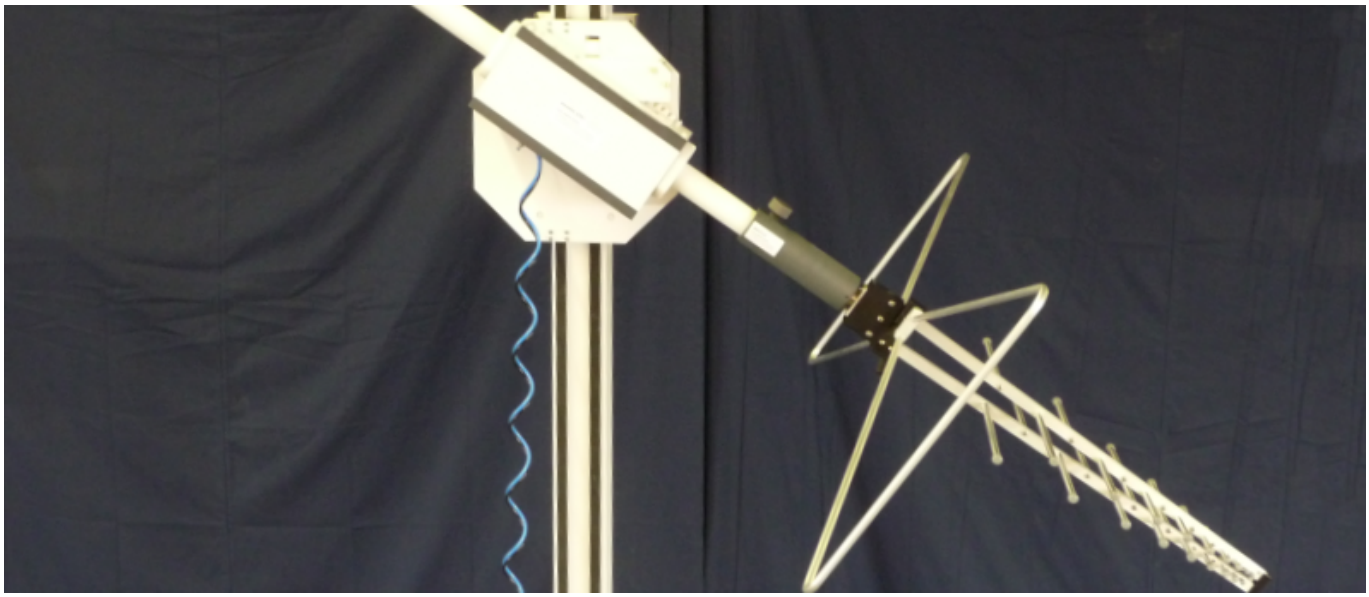

MA6000-XP-ET

Antenna height	1,0 to 6,0 m
Total mast height	max. 6,6 m
Material	PVC + fibre glass, weatherproof
Mast cross-section	100 mm x 100 mm
Base L x W	1080 mm x 1080 mm
Antenna weight	max. 10 kg
Positioning speed adjustable between	1 to 12 cm/sec. (15 or 20 cm/sec. available)
Positioning accuracy	+/- 3 mm
Positioning time 0°/90°	approx. 4 sec. (at 6 bar)
Polarisation accuracy	+/- 0,2°
Tilt angle	-12°...+45°
Tilt speed	3,5°/sec.
Tilt accuracy	+/- 0,5°
Antenna support drive	2 Kevlar toothed belts (metal free)
Motor	electronic EC motor 150 W
Control cable	fibre optic cable, POF type (standard)
Drive unit	shielded and radio interference suppressed; 20dB under CISPR 22 Class B
Drives	2 independently controllable axis of motion
Temperatur range	10°C...+40°C
Input current	max. 1,6 A
Voltage	115 / 230V (50-60Hz)

The MA6000-XP-ET antenna mast is compliant with **CISPR 16-1-4 BORESIGHT** and **ANSI C63.4** requirements and suitable for use in either open areas or in electromagnetic absorption chambers. Metal

parts are located only in the base plate and the drive mechanism (max. 0,4 m above ground level).

All antennas rotate around their own axis during polarisation to eliminate any elevation errors. Limit switches and the general mechanical design provide a safe system operation.

The **IEEE 488 (GPIB) bus,** when operated with the CO2000 Controller, or **IEEE 488 (GPIB) & TCP/IP (LAN)** interface, when operated by **CO3000** Controller provides an additional control option for all functions.