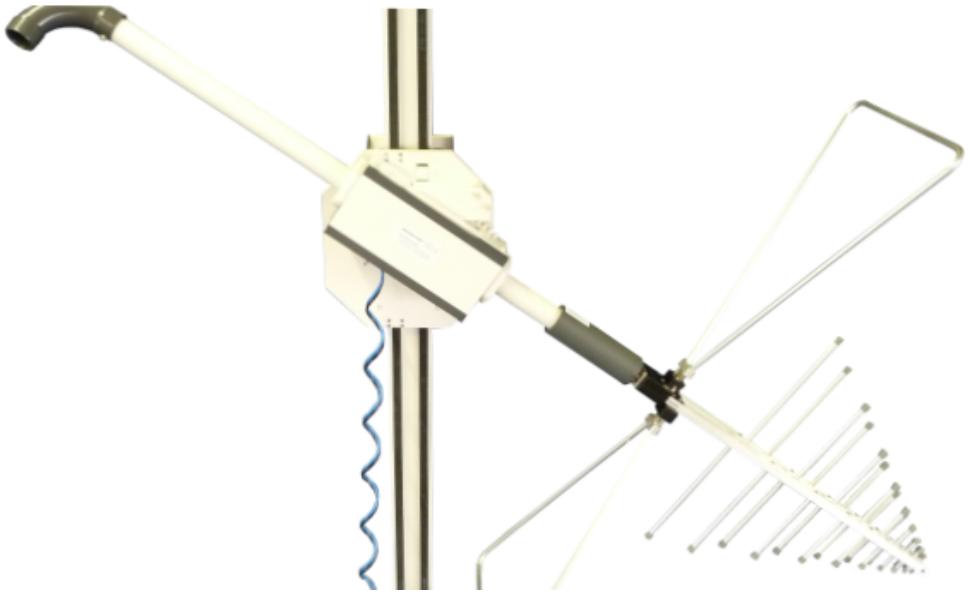


Antenna Mast MA4000-XP-ET

Antenna height	1,0 to 4,0 m
Total mast height	max. 4,6 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	+/- 0,1°
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 MA4000-XP-ET antenna mast has Boresight functionality and is 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.