Twin Mast TW10000-EP

Antenna height	1,0 to 10,0 m
Total mast height	max. 10,6 m
Material	PVC + fibre glass, weatherproof
Mast cross-section	(2x) 100 mm x 100 mm
Base L x W	1200 mm x 1000 mm
Antenna weight	max. 20 kg (25 kg available)
Positioning speed adjustable between	4 to 14 cm/sec. (other cm/sec. for request available)
Positioning accuracy	+/- 0,5 cm
Polarisation time	approx. 4 sec.
Polarisation accuracy	+/- 0,5°
Antenna support drive	3 Kevlar toothed belts (metal free)
Motor	electronic EC motor 300 W
Control cable	fibre optic cable, POF type (standard)
Drive unit	shielded and radio interference suppressed; 20dB under Class B
Temperatur range	+10°C...+40°C
Input current	max. 3,2 A
Voltage	115 / 230V (50-60Hz)

The TW10000-EP antenna mast is suitable for use in either open areas or in electromagnetic absoption chambers. Metal parts are located only in the base plate and the drive mechanism (max. 0,4 m above ground level).

Adapters for all commercially available antennas are available. Special designs on request. All antennas during polarisation rotate around their axis so as to eliminate any elevation errors. Limit switches and the

general mechanical design ensures a reliable system operation.

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