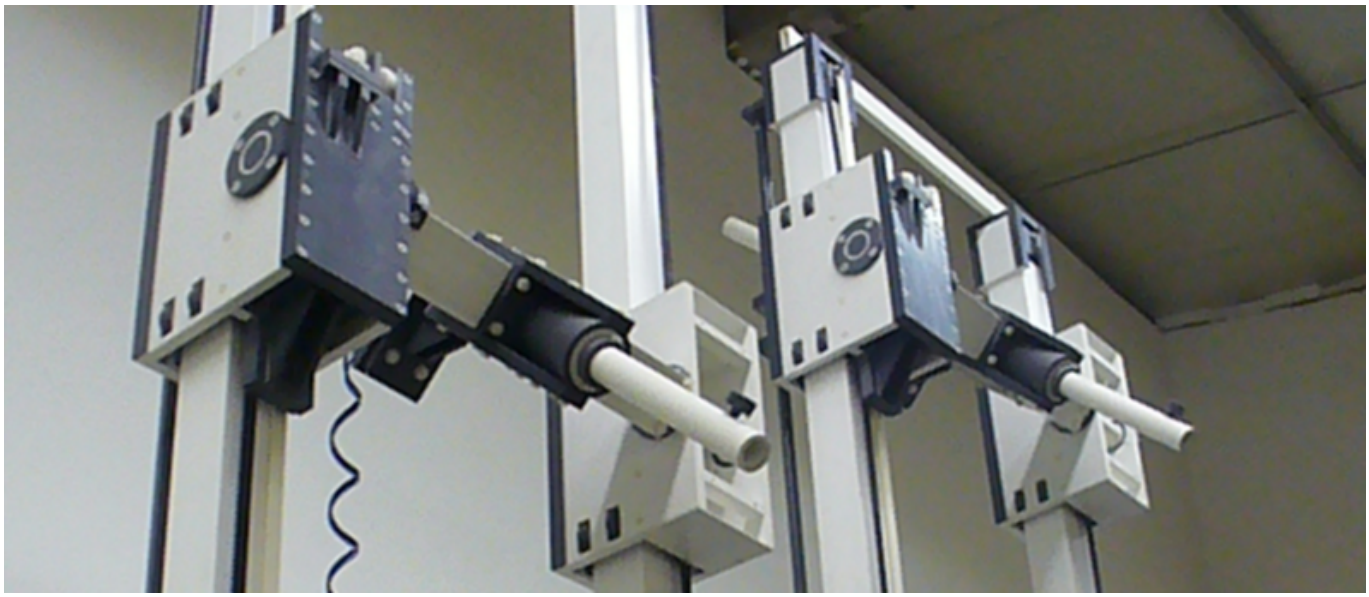


Twin Mast TW4000-PP-ET

Antenna height	1,0 to 4,0 m
Total mast height	4,6 m
Material	PVC + GFK, weatherproof
Mast cross-section	(2x) 100 mm x 100 mm
Base L x W	1200 mm x 1000 mm
Antenna weight	max. 15 kg
Positioning speed adjustable from	4 to 14 cm/sec. (other cm/sec. for request available)
Positioning accuracy	+/- 0,5 cm
Polarisation pneumatic	0°/90° (vert./hor.)
Polarisation time 0°/90°	approx. 4 sec
Polarisation accuracy	+/- 0,5°
Tilt angle	-12°...+45°
Tilt speed	1°/sec.
Tilt 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 CISPR 22 Class B
Control	microcontroller & solenoid valve
Pressure	min. 6 bar
Power supply	230V / 50 Hz / 6 A
Temperature range	10°C...+40°C

The TW4000-PP-ET 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 are available 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.