

MA4000-PP

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
Positioning speed adjustable between	1 to 12 cm/sec. (15 or 20 cm/sec. available)
Positioning accuracy	+/- 1mm
Antenna weight	max. 10 kg (15 kg available)
Positioning time 0°/90°	approx. 4 sec. (at 6 bar)
Antenna support drive	1 Kevlar toothed belts (metal free)
Polarisation drive	pneumatic rotation cylinder
Motor	electronic EC motor 150 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. 1,6 A
Voltage	115 / 230V (50-60Hz)

Brief description

The MA4000-PP antenna mast is suitable for use in either open areas or in electromagnetic absorption chambers. Guy wires and anchoring pins are available for antenna installation in open areas. Metal parts are located only in the base plate and the drive mechanism (max. 0,3 m above ground level).

Adapters for all commercially available antennas are available. Special designs are available on request. All antennas rotate around their own axis during polarisation to eliminate any elevation errors. Limit switches and the general mechanical design ensure a reliable 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.

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