

## **MA6000-PP**

Antenna height Total mast height

Material

Mast cross-section

Base L x W

Positioning speed adjustable between

Positioning accuracy

Antenna weight

Positioning time  $0^{\circ}/90^{\circ}$ 

Antenna support drive

Polarisation drive

Motor

Control cable

Drive unit

Temperatur range

Input current

Voltage

1,0 to 6,0 m

max. 6,6 m

PVC + fibre glass, weatherproof

100 mm x 100 mm

1080 mm x 1080 mm

1 to 12 cm/sec. (15 or 20 cm/sec. available)

+/- 1mm

max. 10 kg (15 kg available)

approx. 4 sec. (at 6 bar)

1 Kevlar toothed belts (metal free)

pneumatic rotation cylinder

electronic EC motor 150 W

fibre optic cable, POF type (standard)

shielded and radio interference suppressed; 20dB

under CISPR 22 Class B

10°C...+40°C

max. 1,6 A

115 / 230V (50-60Hz)

## **Brief description**

The MA6000-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 <u>CO3000</u> Controller provides an additional control option for all functions.