



## Twin Mast TW6000-EP

|                                      |                                                                |
|--------------------------------------|----------------------------------------------------------------|
| Antenna height                       | 1,0 to 6,0 m                                                   |
| Total mast height                    | max. 6,6 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 TW6000-EP antenna mast 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).

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