

## Electric Antenna Stand EAS 365-15kg

## **Technical Data**

Antenna height adjustable manually 0.7 m to 1.7 m

Total mast height 2.1 m

Load capability max. 15 kg (when balanced)
For long and heavy antennas a counter weight is required to balancing the load

Depending on the distance of the antenna centre of gravity

Material Plastic + reinforced fibreglass,

Mast cross-section 100 mm x 100 mm Base L x W 0.9 m x 0.75 m

Moveable with 4 casters

Electrical Polarisation between 0° to 365°

Polarisation accuracy ± 1°

Motor Brushless DC motor 200 W

Interference suppression: 20 dB under limits EN 55022 class B

Current consumption max. 2A

Voltage 208-230 VAC, 50/60 Hz, single phase

Discharge current 25mA per drive unit

(higher in the moment when powering on)

Control cable Fibre optic lines
Remote control via Fibre optic lines
IEEE interface

Antenna support drive 2 toothed belts

Material of toothed belts Kevlar reinforced (non-metallic)

Temperature range +10 °C...+35 °C

Total weight approx. 45 kg

Accessories Interface to SCU/MCU/NCD Controller

1.5 m power supply cable

Service manual

## **Brief description**

The Electric Antenna Stand **EAS 365-15kg** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measuring height. Other fixed antenna heights are available upon request.

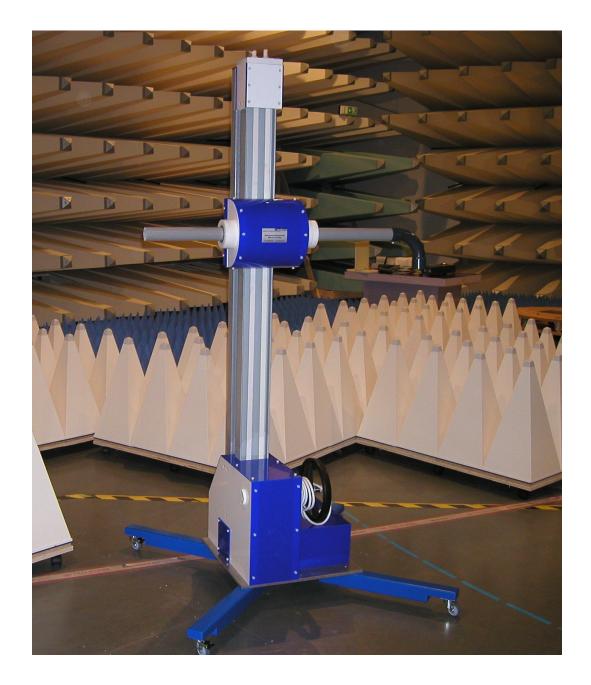
The antenna mast, with the exception of the drive unit, is fabricated from plastic (PVC and reinforced fibreglass). Metal parts are located only in the base plate and the drive mechanism (max. 0.3 m above ground level).

Antenna Adapters for all commercially available antennas are available upon request. All antennas during polarisation rotate around their axis to eliminate any elevation errors.

The IEEE 488.2 (GPIB) bus provides an additional control option for all functions, when operated with the SCU/MCU or NCD Controller.



## **Electric Antenna Stand EAS 365-15kg**



Information presented enclosed is subject to change as product enhancements are made regularly. Pictures included are for illustration purposes only and do not represent all possible configurations.

Phone: +49 (0)9606 923913-0 Fax: +49 (0)9606 923913-29