## Electric Antenna Stand EAS 1.5-10kg

## Technical Data

Antenna height fixed
Total mast height
Load capability max. 10 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
Mast cross-section
Base L x W
Moveable with 4 casters
Electrical Polarisation
Positioning time $0^{\circ} / 90^{\circ}$
Motor
Interference suppression:
Current consumption
Voltage
Discharge current

Control cable
Remote control via
Antenna support drive
Material of toothed belts
Temperature range
Total weight
Accessories

Plastic + reinforced fibreglass, $100 \mathrm{~mm} \times 100 \mathrm{~mm}$
$0.9 \mathrm{~m} \times 0.75 \mathrm{~m}$
$0^{\circ} / 90^{\circ}$ (vert./hor.)
approx. 3 sec .
Brushless DC motor 200 W 20 dB under limits EN 55022 class B
max. 2A
208-230 VAC, $50 / 60 \mathrm{~Hz}$, single phase
25 mA per drive unit
(higher in the moment when powering on)
Fibre optic lines
IEEE interface
Toothed belt
Kevlar reinforced (non-metallic)
$+10^{\circ} \mathrm{C} \ldots+35^{\circ} \mathrm{C}$
35 kg
Interface to SCU/MCU/NCD Controller
1.5 m power supply cable

Service manual

## Brief description

The Electric Antenna Stand EAS 1.5-10kg 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.

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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.

