



Rainford EMC Electric Antenna Stand EAS 1.5

Technical Data

Antenna Height Fixed	1.5m
Total Mast Height	1.7 m
Load Capability	Max. 6Kg (Optional 10Kg)
Depending on the distance of the antenna centre of gravity	
Material	Plastic + Reinforced Fibreglass, Weatherproof
Mast Cross-Section	60mm x 60mm
Base L x W	0.9 m x 0.6 m
Moveable with 4 casters	
Polarisation	0°/90°(Vert./Hor.)
Polarisation Time 0°/90°	Approx. 3 sec
Antenna Support Drive	Toothed Belt
Material of Toothed Belts	Kevlar Reinforced (non-metallic)
Control Cable	Fibre Optic Lines
Remote Control via	IEEE Interface
Motor	Brushless DC Motor 150W
Drive Unit	Shielded and Radio Interference Suppressed Under EN 55022 Class B
Current Consumption	Max. 2A
Voltage	208 - 230 VAC, 50/60 Hz, Single Phase
Temperature Range	-10°C...+35°C
Total Weight	Approx 25 kg
Accessories	Interface to SCU/MCU Controller 1.5 Power Supply Cable Service Manual

Brief Description

The Electric Antenna Stand EAS 1.5 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 0.2m 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 Controller**.



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