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# Electric Antenna Stand EAS 365 - 15kg

## Technical data:

| | |
|---|---|
| Antenna height manually adjustable | 0.7 m - 1.7 m |
| Total mast height | 2.2 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 gravity center | |
| Material of antenna mast | Plastic and reinforced fiberglass |
| Mast cross section | 101 mm x 95 mm |
| Base L x W | 1.06 m x 0.73 m |
| Electric polarization | 0° - 365° |
| Polarization time | approx. 3 s |
| Motor | DC stepper motor |
| Antenna support drive | Toothed belt |
| Material of toothed belts | Kevlar reinforced (non-metallic) |
| Voltage | 110 VAC - 230 VAC, 50 Hz / 60 Hz<br>single phase |
| Current consumption | max. 16 A |
| Required RCD | 300 mA |
| Control cable | Fiber optic lines |
| Remote control via | LAN (TCP/IP); (IEEE only with NCD) |
| Interference suppression | 20 dB under limits DIN EN 55011:2018-05<br>class B |
| Operating temperature | 10°C-35°C |
| Total weight | approx. 40 kg |
| Accessories | Service manual<br>3 m power supply cable |
| Movable with 4 wheels | |

Brief description

The Electric Antenna Stand **EAS 365-15kg** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measurement height. The antenna height can be adjusted manually.
The EAS 365-15kg, with the exception of the drive unit, is fabricated from plastic (PVC and reinforced fiberglass). 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 polarization rotate around their axis to eliminate any elevation errors.

The **LAN (TCP/IP) - interface** provides an additional control option for all functions, when operated with the **FCU$^{3:0}$ or NCD Controller.**

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.