

Electric Antenna Stand EAS 1.5

Technical data:

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|---|--|
| Antenna height fixed | 1.5 m |
| Total mast height | 1.6 m |
| Load capability | max. 6 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 | 0.5 m x 0.45 m |
| Electric polarization | 0° / 90° (vert. / hor.) |
| 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 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 class B |
| Operating temperature | 10°C – 35°C |
| Total weight | approx. 30 kg |
| Accessories | Service manual 3 m power supply cable |
| Movable with 4 wheels | |

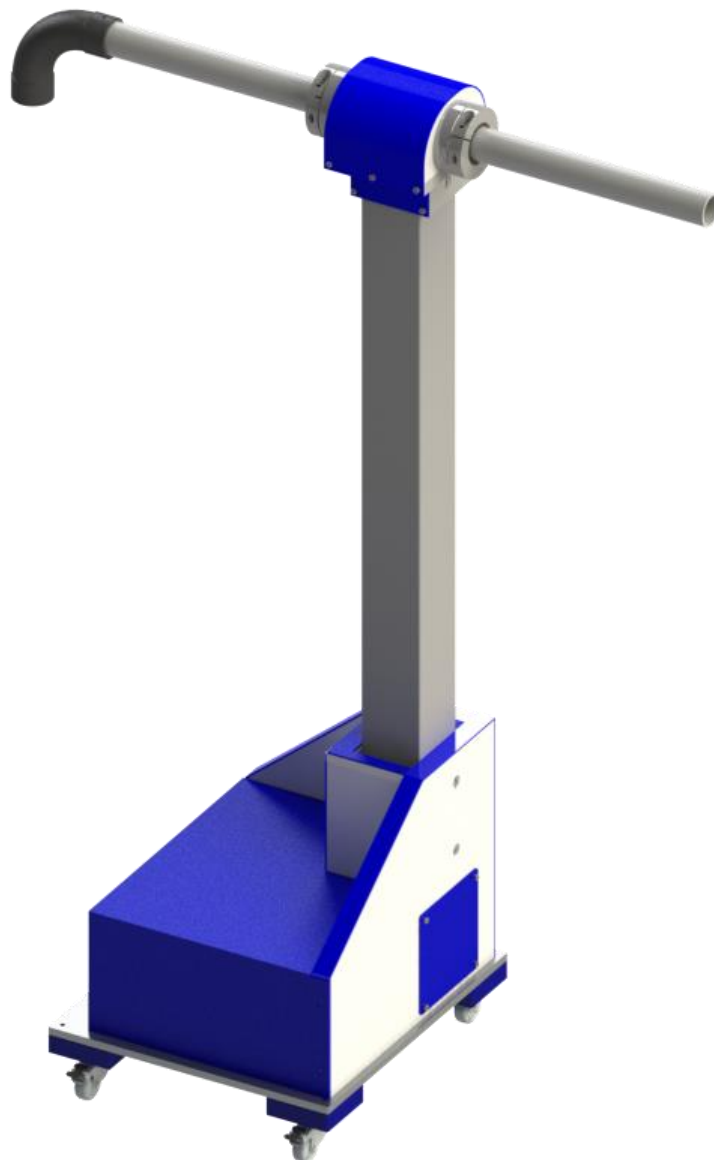
Brief description

The Electric Antenna Stand **EAS 1.5** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measurement height. Other fixed antenna heights are available upon request.

The EAS 1.5, 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 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.