

## Pneumatic Antenna Stand PAS 2.0

### Technical data:

|   |  |
|---|--|
| Antenna height manually adjustable  | 0.7 m – 2.0 m                                    |
| Total mast height   | 2.2 m  |
| Load capability   | max. 6 kg (when balanced)                        |
| For long and heavy antennas, a counter weight is required to balancing the load.<br>Depending on the distance of the antenna gravity center |  |
| Material of antenna mast  | Plastic and reinforced fiberglass                |
| Mast cross section  | 60 mm x 60 mm                                    |
| Base L x W  | 0.9 m x 0.75 m                                   |
| Pneumatic polarization  | 0° / 90° (vert. / hor.)                          |
| Polarization time   | approx. 3 s                                      |
| Polarization drive  | Pneumatic rotary actuator                        |
| Control   | Solenoid valve                                   |
| Nominal pressure  | max. 6 bar                                       |
| Voltage   | 110 VAC – 230 VAC, 50 Hz / 60 Hz<br>single phase |
| Current consumption   | max. 16 A  |
| Control cable   | Fiber optic lines                                |
| Remote control via  | LAN (TCP/IP); (IEEE only with NCD)               |
| Operating temperature   | 10° C – 35 ° C                                   |
| Total weight  | approx. 25 kg                                    |
| Accessories   | Service manual                                   |
|   | 3 m power supply cable                           |
|   | 15 m pneumatic air hose                          |
|   | 1x pneumatic feed through                        |
| Movable with 4 wheels   |  |

### Brief description

The Pneumatic Antenna Stand **PAS 2.0** is specifically designed for measurements in electromagnetic absorption chambers.

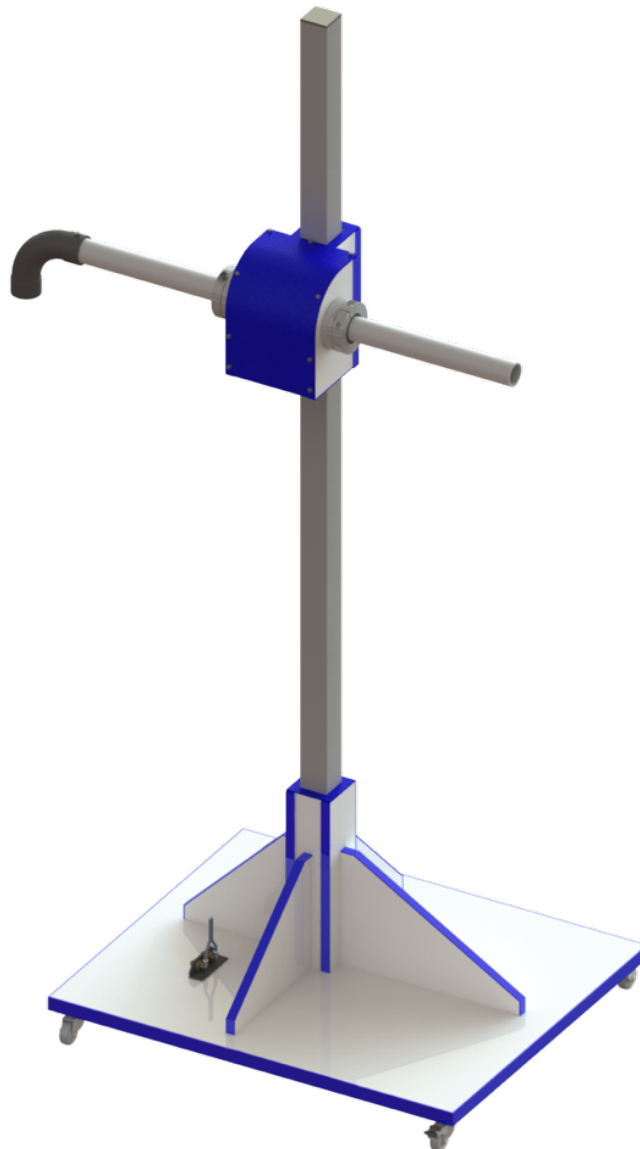
The PAS 2.0, with the exception of the rotary actuator, is fabricated from plastic (PVC and reinforced fibreglass).

Polarization occurs using compressed air. A solenoid valve located outside of the chamber regulates the compressed air flow. The antenna bar height is manually adjustable.

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<sup>3.0</sup>** 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.