

## Pneumatic Antenna Stand PAS 3.0-C

### Technical Data

Antenna height adjustable manually	1.0 m to 3.0 m
Total mast height	3.2 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 centre of gravity	
Material	Plastic + reinforced fibreglass,
Mast cross-section	60 mm x 60 mm
Base L x W	0.9 m x 0.75 m
Moveable with 4 casters	
Polarisation	0°/90° (vert./hor.)
Polarisation time 0°/90°	approx. 3 sec
Polarisation drive	Pneumatic rotary actuator
Control	Solenoid valve
Pressure	max. 6 bar
Temperature range	+10 °C...+35 °C
Total weight	approx. 45 kg
Accessories	<b>Interface to SCU/MCU/NCD Controller</b> 2x 15 m air hose Service manual

The Pneumatic Antenna Stand **PAS 3.0-C** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measuring height.

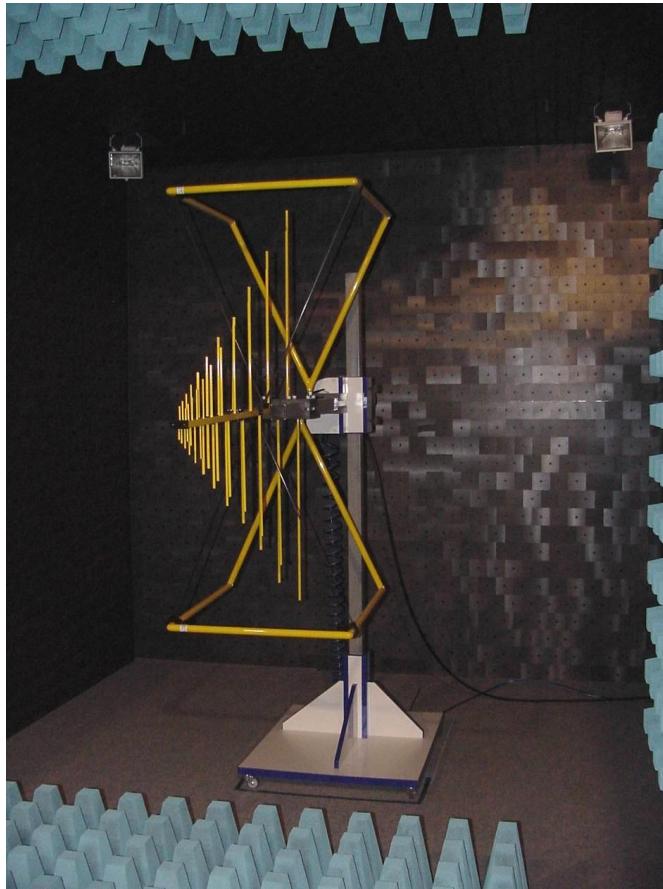
The PAS 3.0-C, with the exception of the rotary actuator, is fabricated from plastic (PVC and reinforced fibreglass).

Polarisation occurs using compressed air. A solenoid valve located outside of the chamber regulates the compressed air flow. The antenna bar height is manually adjustable. The PAS 3.0-C is equipped with a manual crank which moves the antenna basket.

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.