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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. 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 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	

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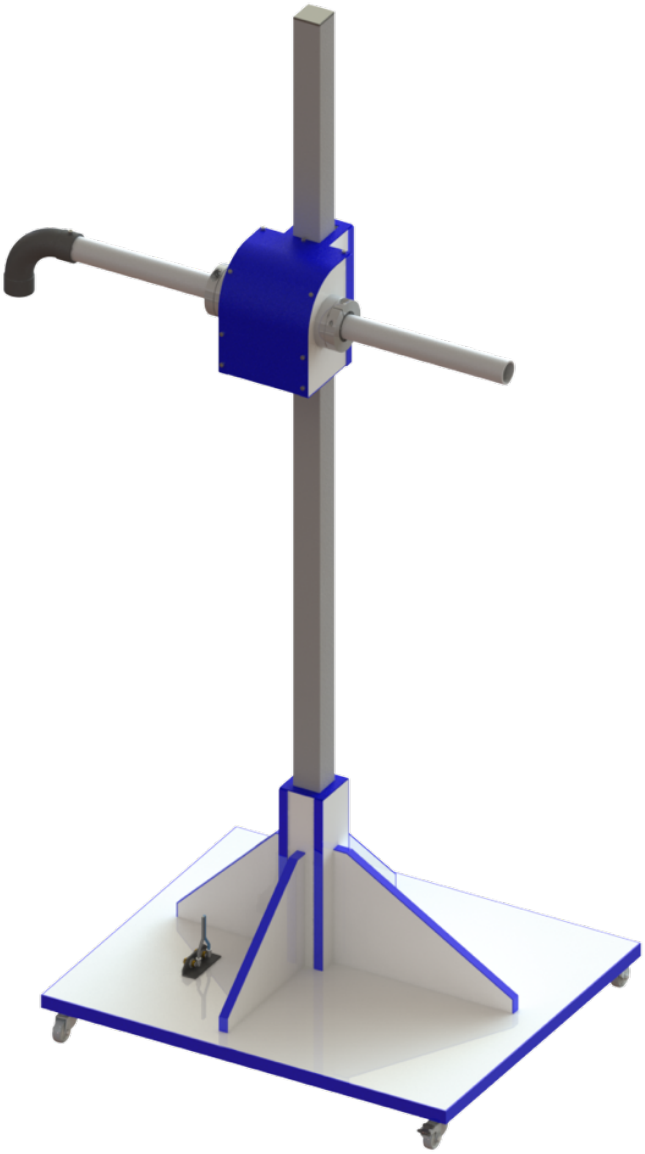
Brief description

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$^{3.0}$ 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.