

## Pneumatic Antenna Stand ASP 1.0/1.8-10kg

### Technical Data

Antenna height adjustable manually		1.0 m to 1.8 m
Total mast height		2.0 m
Load capability	max.	10 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
Current consumption (outside the chamber)	max.	2A
Voltage		208-230 VAC, 50/60 Hz, single phase
Temperature range		+10 °C...+35 °C
Total weight	approx.	25 kg
Accessories		<b>Interface to SCU/MCU/NCD Controller</b> 2x 15 m air hoses Service manual

### Brief description

The Pneumatic Antenna Stand **ASP 1.0/1.8-10kg** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measuring height.

The ASP 1.0/1.8-10kg, 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.

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.