



## Rainford EMC Pneumatic Antenna Stand PAS 2.0

### Technical Data

Antenna Height Adjustable Manually	0.7 m to 2.0 m
Total Mast Height	2.2 m
Load Capability	Max. 6 Kg
Depending on the distance of the antenna centre of gravity	
Material	Plastic + Reinforced Fibreglass, Weatherproof
Mast Cross-Section	0.06 m x 0.06 m
Base L x W	0.9 m x 0.6 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	25 kg
Accessories	<b>Interface to SCU/MCU Controller</b> 2 x 15 m air hose Service Manual

### Brief Description

The Pneumatic Antenna Stand **PAS 2.0** is specifically designed for measurements in electromagnetic absorption chambers at a fixed measuring height.

The PAS 2.0 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. 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 Controller**.

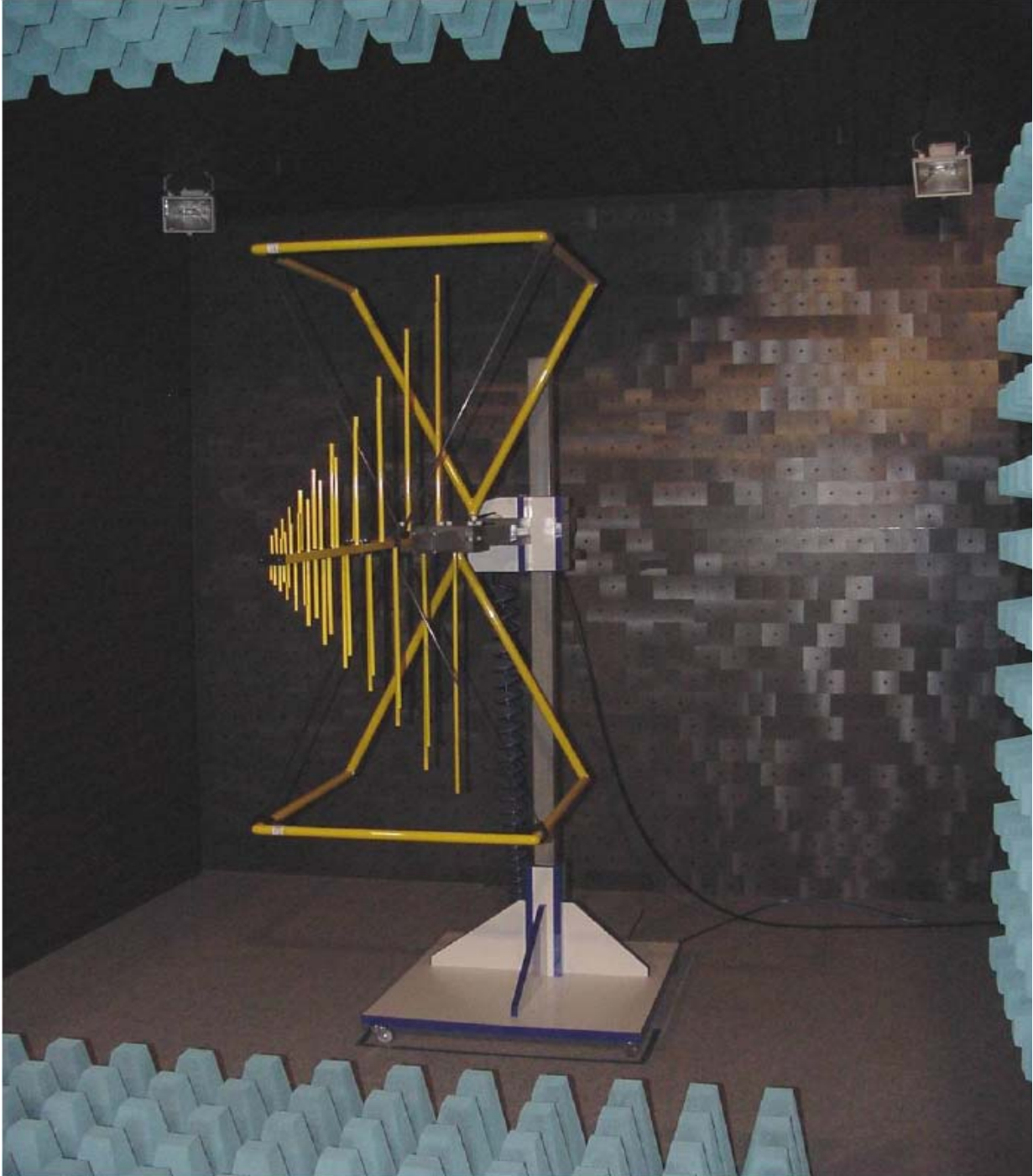


Rainford EMC Systems Ltd, North Florida Road, Haydock,  
St Helens, WA11 9TN, United Kingdom  
Tel: +44 (0) 1942 296190 Fax: +44 (0) 1942 275202 email:  
[sales@rainfordemc.com](mailto:sales@rainfordemc.com)





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Rainford EMC Systems Ltd, North Florida Road, Haydock,  
St Helens, WA11 9TN, United Kingdom  
Tel: +44 (0) 1942 296190 Fax: +44 (0) 1942 275202 email:  
[sales@rainfordemc.com](mailto:sales@rainfordemc.com)

