



## Rainford EMCC Compact Anechoic Chamber

**Emission performance 26MHz-18GHz  
Immunity 30MHz –6GHz**

**All at 3M test distance!**

The Rainford EMC Compact chamber is an ideal solution to meet very accurate Pre compliance Emission performance and fully compliant immunity standards. A low cost solution to meet the needs of the industry requirements for high quality test environments.

Our unique ferrite and Hybrid combinations in a compact 7m long x 3m wide x 3m high chamber enables a wide frequency range of testing to be achieved with excellent comparisons to much larger facilities.



### Key Features:

- Compact 7m x 3m x 3m dimensions
- Ability to compare results to full compliance facilities
- Accurate Pre compliance Emissions at 3m test distance
- Full compliance Immunity to IEC 61000-4-3
- Modular flexible solution for future enhancement to compliant facility
- Turntable & equipment options available



Rainford EMC Systems Ltd, North Florida Road, Hayock,  
St Helens, WA11 9TN, United Kingdom  
Tel: +44 (0) 1942 296190 Fax: +44 (0) 1942 275202 email: [sales@rainfordemc.com](mailto:sales@rainfordemc.com)  
Registered No: 5869828 VAT No: 892 2090 18



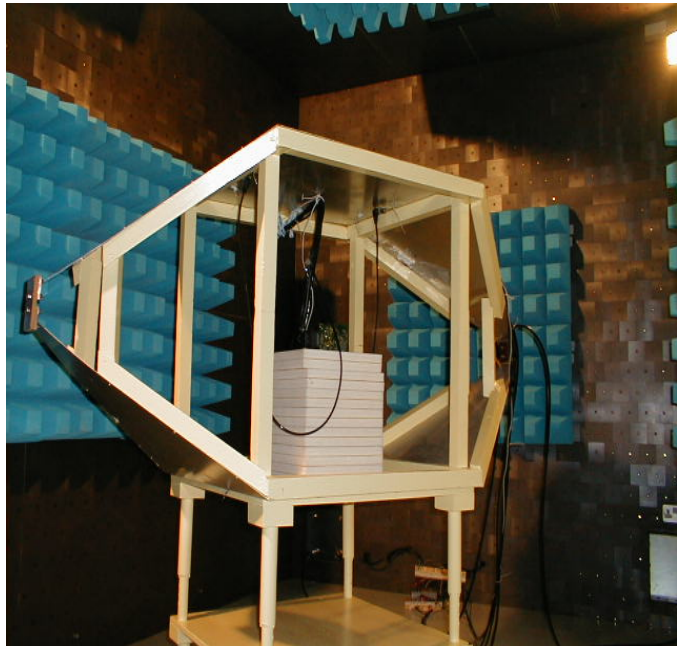
# RAINFORD

## EMC SYSTEMS

### Rainford EMCC

#### Standard equipment:

- 1 x 0.9 x 2.1 personnel door
- 1 x mains filter 240v, 32A
- 4 x Attenuvents (300mm x 300mm)
- 2 x penetration panels
- Feedthrough interfaces include:
  - 4 x N-type connectors
  - 4 x BNC Type connectors
  - 2 x fibre optic
- 1 x penetration tube 5cm with cap
- Electrical installation included:
  - 1 x consumer unit
  - 2 x single phase socket
  - 2 x lights
- Ferrite tiles 6.7mm thick
- Hybrid truncated absorber 300mm high



#### Options:

- Doors of 1.5m or 2m wide double opening
- Semi or fully automatic operation
- Turntables Free standing or integrated
- Mast
- Controllers
- 3 phase filters
- Control & Data line filters
- Air conditioning
- CCTV system
- Control & Amplifier rooms

#### Performance details;

- Dimension 7m x 3m X 3m
- Frequency range 26MHz-18GHz
- Absorber type Ferrite / Hybrid
- Measuring distance 3m

#### Immunity performance:

3m distance Fully compliant with IEC 61000.4.3

#### Emissions :

Pre compliant 3m distance  
+/- 4dB for 80% of frequency range

#### Maintenance options:



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)  
Registered No: 5869828 VAT No: 892 2090 18

