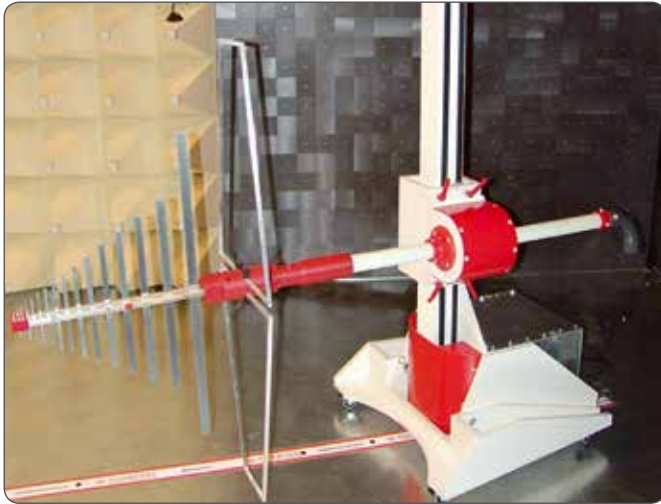


Fully Automatic Antenna Mast – FAM

Description

Frankonia's innovative range of positioning devices is entirely compatible with the EMC chamber environment.

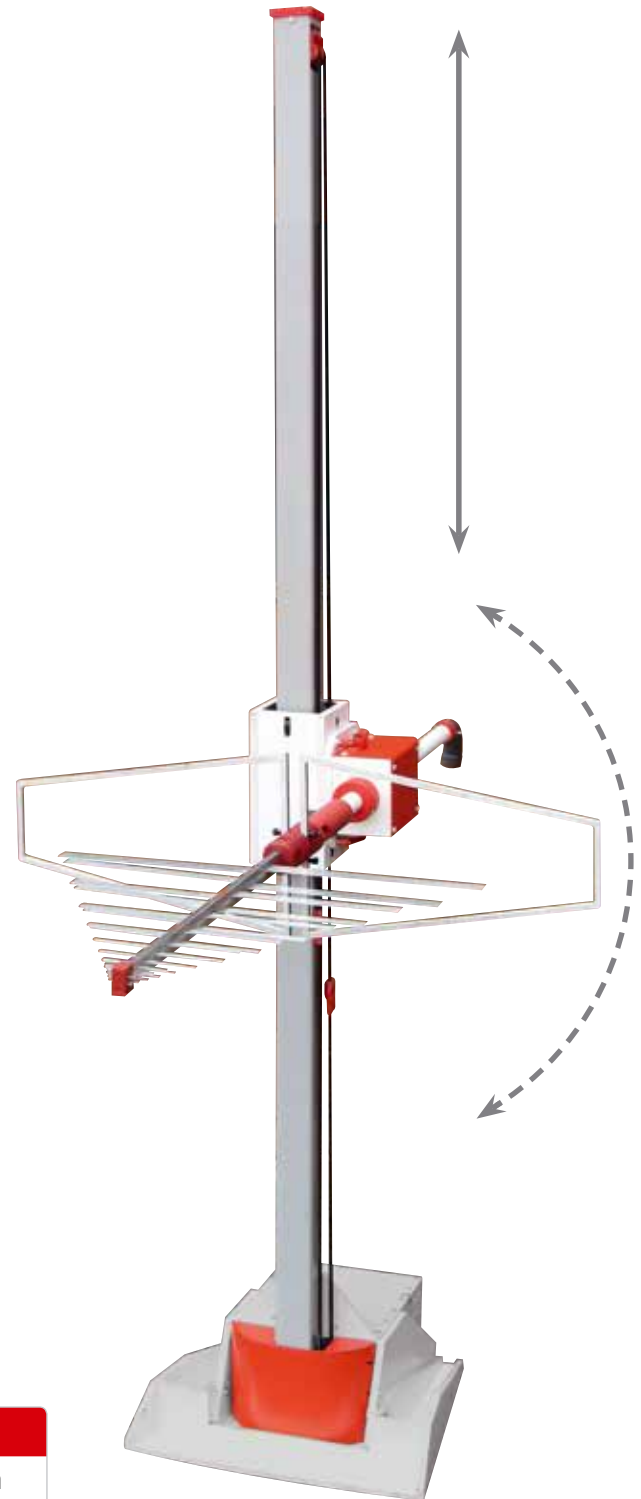
Using a new optical communication bus, the system provides the possibility to control up to 15 devices along a single duplex fibre optic.



FAM 4 – Antenna Mast Detail

Main characteristics:

- Vertical accuracy 5 mm
- Resolution 1 mm
- Polarization accuracy 0.2°
- 30 step adjustable vertical speed from 0.01 m/s to 0.50 m/s
- Fully automatic calculation of acceleration and deceleration ramps according to the weight of the antenna
- Manual tilting +/- 5°
- Mast positioning from 1.00 m to 4.00 m / 6.00 m
- Low noise, completely shielded hardware
- Frankonia optical communication bus
- Remote-controlled by controller type FC-04



Technical specifications	FAM 4	FAM 6
Antenna height	1.0 m - 4.0 m	1.0 m - 6.0 m
Max. antenna weight (incl. adapter)	12 kg	
Counterbalance	2 x 3 kg (depending on used antenna type)	
Polarization time	0.01 m/s - 0.50 m/s	
Dimensions (L x W x H)	760 mm x 800 mm x 4,200 mm	
Weight	95 kg	
Power supply	230V, 50/60 Hz, 4A	

Available Sizes

FAM 4	Frankonia Antenna Mast for 4.0 m height scan
FAM 6	Frankonia Antenna Mast for 6.0 m height scan