

Field Probe Positionierer FPP 2.3/1.5

Technical Data

Field Probe height adjustment	from	0.8 – 2.3 m
Overall height		2.7 m
Horizontal range		1.5 m
Overall length		2.3 m
Load Capability		3 kg
Material		Plastics (PVC and reinforced fibreglass)
Cross-section carrier tubes		60 mm x 60 mm
Rail width		650 mm
Positioning speed adjustable between		2.0 – 12.0 cm/s
Positioning accuracy		+/- 1 cm
Motors		Brushless DC motors 200 W
Interference suppression:		20 dB under limits EN 55022 class B
Current consumption	max.	2A
Voltage		208-230 VAC, 50/60 Hz, single phase
Discharge current		25mA per drive unit (higher in the moment when powering on)
Control cable		Fibre optic lines
Remote control via		IEEE interface
Antenna support drive		2 toothed belts
Material of toothed belts		Kevlar reinforced (non-metallic)
Temperature range		+10 °C...+35 °C
Total weight	approx.	40 kg
Accessories		Interface to MCU/NCD Controller 1.5 m power supply cable 5m & 10m Fibre optic cable Service manual

Brief description

The biaxial Field Probe Positioner **FPP 2.3/1.5** is specifically designed for remote-controlled measurements at defined vertical areas. The system allows automatic measurements of the field homogeneity according to EN61000-4-3 and IEC61000-4-3.

Limit switches and the general mechanical design ensures reliable system operation.

The FPP 2.3/1.5, with the exception of the drive unit, is fabricated from plastic (PVC and reinforced fibreglass). Metal parts are located only in the base plate and the drive mechanism (max. 0.3 m above ground level).

The **IEEE 488.2 (GPIB) bus** provides an additional control option for all functions, when operated with the **MCU or NCD Controller**.

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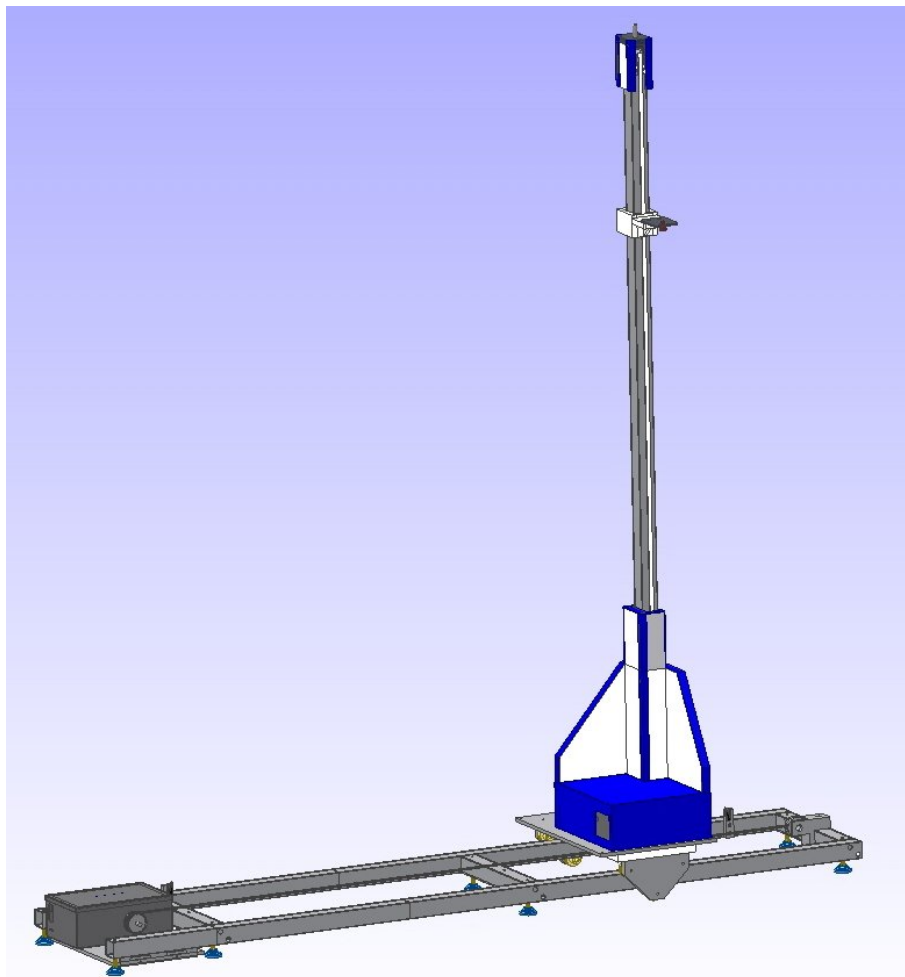


Fig.: Field Probe Positioner

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.