

Field Probe Positioner FPP2.3/1.5

Technical data:

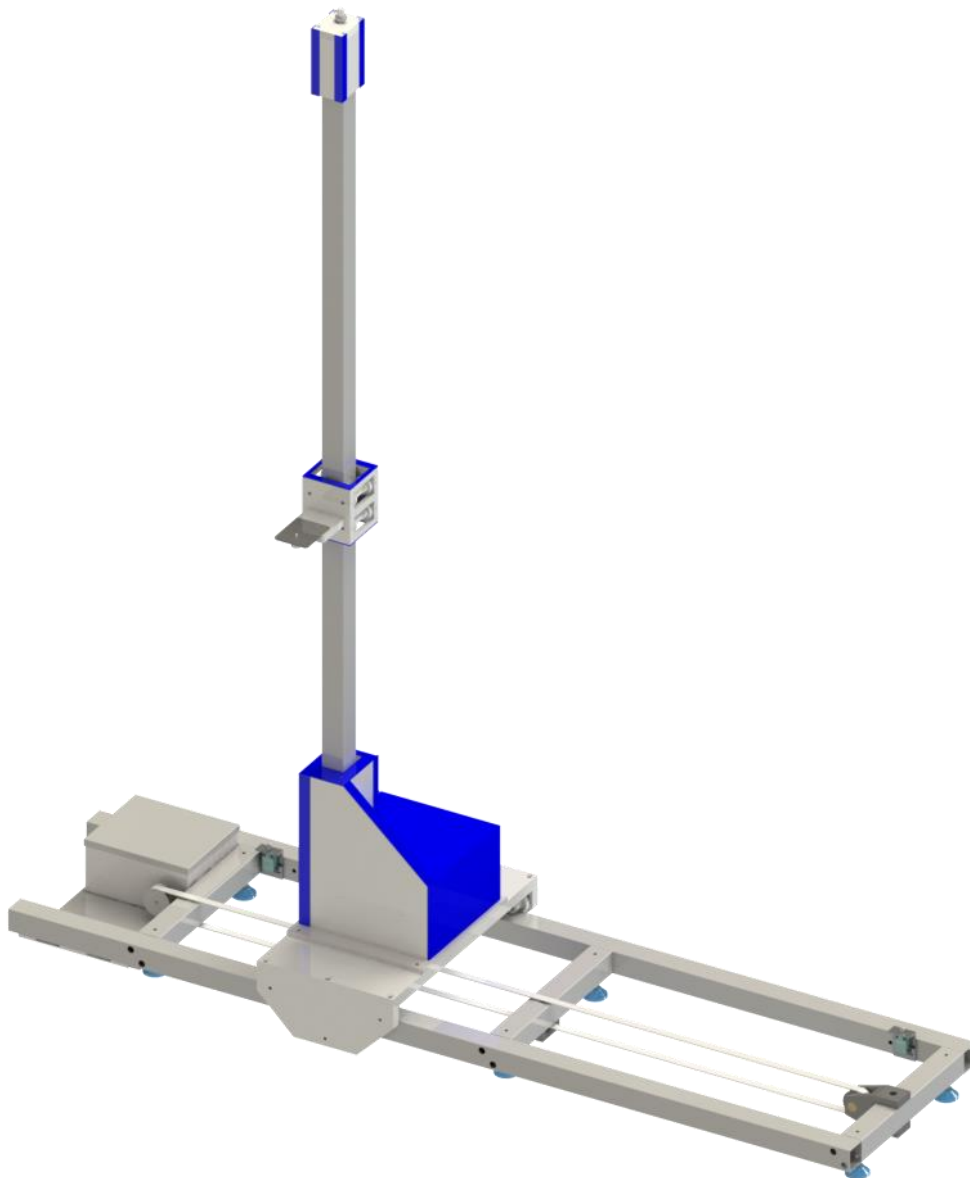
Field probe height automatic adjustment	0.8 m – 2.3 m
Total height	2.7 m
Horizontal range	1.5 m
Total length	2.3 m
Load capability	3 kg
Material	Plastic and reinforced fiberglass
Cross section	60 mm x 60 mm
Rail width	685 mm
Position speed adjustable in combination with FCU3.0	1.0 cm/s – 35 cm/s
in combination with NCD	1.0 cm/s – 20 cm/s
Positioning accuracy	+/- 0.5 cm
Motor	DC stepper motor
Support drive	2 toothed belts
Material of toothed belts	Kevlar reinforced (non-metallic)
Voltage	110 VAC – 230 VAC, 50 Hz / 60 Hz single phase
Current consumption	max. 16 A
Required RCD	300 mA
Control cable	Fibre optic lines
Remote control via	LAN (TCP/IP); (IEEE only with NCD)
Interference suppression	20 dB under limits DIN EN 55011:2018-05 class B
Operating temperature	10°C – 35°C
Total weight	approx. 60 kg
Accessories	Service manual 3 m power supply cable

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 **LAN (TCP/IP) - interface** provides an additional control option for all functions, when operated with the **FCU^{3.0}** or **NCD Controller**.



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.