

Linear Positioner LP 1.5-100kg

Technical Data

Horizontal range		1.5 m
Overall length	approx.	2.5 m
Total height		220 mm
Load capability	max.	100 kg
Material		Plastics (PVC and reinforced fibreglass)
Cross-section carrier tubes		60 mm x 60 mm
Rail width		600 mm
Positioning speed adjustable between		5.0 – 15.0 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
Support drive		Toothed belt
Material of toothed belts		Kevlar reinforced (non-metallic)
Temperature range		+10 °C...+35 °C
Total weight	approx.	50 kg
Accessories		Interface to SCU/MCU/NCD Controller 1.5 m power supply cable Service manual

Brief description

The Linear Positioner LP 1.5-100kg is designed for automatic measurements on a defined vertical area. The LP allows automatic measurements of the field homogeneity according to EN61000-4-3 and IEC61000-4-3.

Metal parts are located only in the base plate and the drive mechanism (max. 0.2 m above ground level).

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

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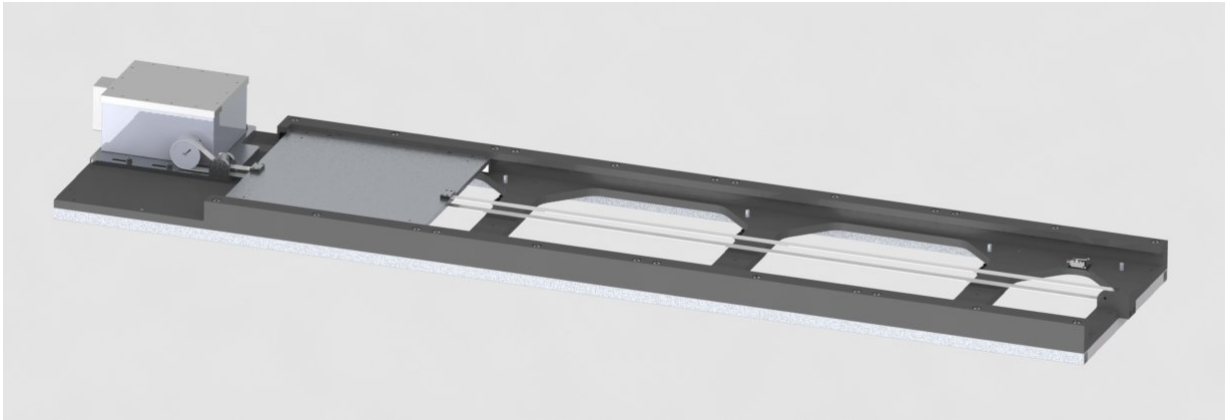


Fig.: Linear Positioner LP 1.5-100kg



Fig.: Linear Positioner LP with antenna mast AM 4.0

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.