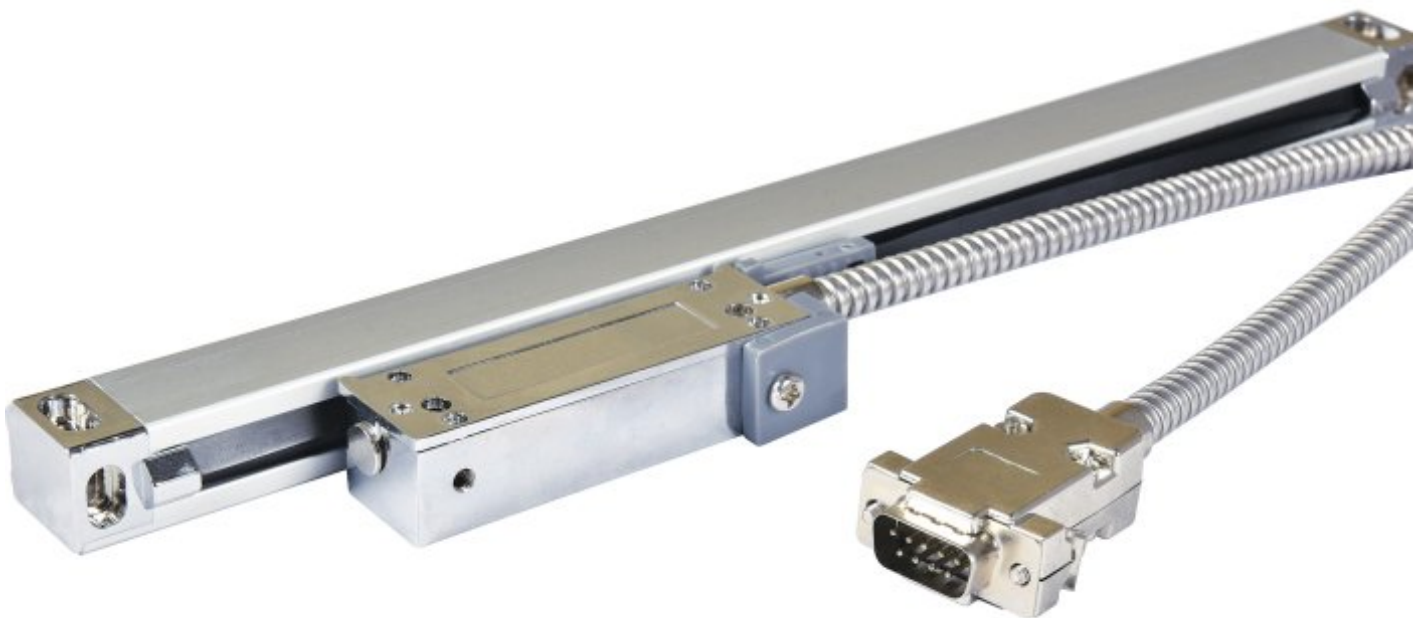


MEASUMAX MX-500-170/5U

170mm Digital Readout Scale

MX-500 Compact Scale



MEASUMAX 170mm Digital Readout Scale MX-500-170/5U



Scale Covers



Mounting Bracket

Description

The Measumax MX-500 compact series linear scales have a 5µm resolution and a response speed of 60m/min delivering 100% accuracy. The compact 18 x 20mm (W x H) section size makes them ideal for limited space installations.

Features

- NSK Japanese, five bearing 45° sliding structure for a smooth and accurate movement along the length of the scale
- Glass scale with 5µm resolution
- Scale body made from extruded Aluminium with wiper seals providing IP54 protection
- Compact 18 x 20mm (W x H) section, ideal choice for applications with limited space.
- 3m connection cable with 9 pin D-Sub connector

Includes

- 170mm Linear scale
- Scale cover
- 1 x Y-Axis 'E2' Bracket Slotted and Tapped (35x70x10mm)
- Screws and washers

Specifications

ORDER CODE	Q8511
MODEL	MX-500
Type	Compact Linear Scale
Travel - Maximum (mm)	170
Overall Length (L) (mm)	282
Scale Resolution (µm)	5µm (0.005mm)
Grating Pitch	20µm (0.02mm)
Accuracy (µm)	±0.005mm ^① ±0.01mm/M
Output Signal	5V TTL
Connector	9 pin D-Sub
Cable Length (Metre)	3m metal conduit
Working Temperature (°C)	-10°C—60°C
Sealing Protection Class	Class: IP54
Maximum Speed (M/min)	60M/Min

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Reference Point	Every 50mm
Width x Height (W x H) (mm)	~
Backing Support Plate (Yes / No)	Yes