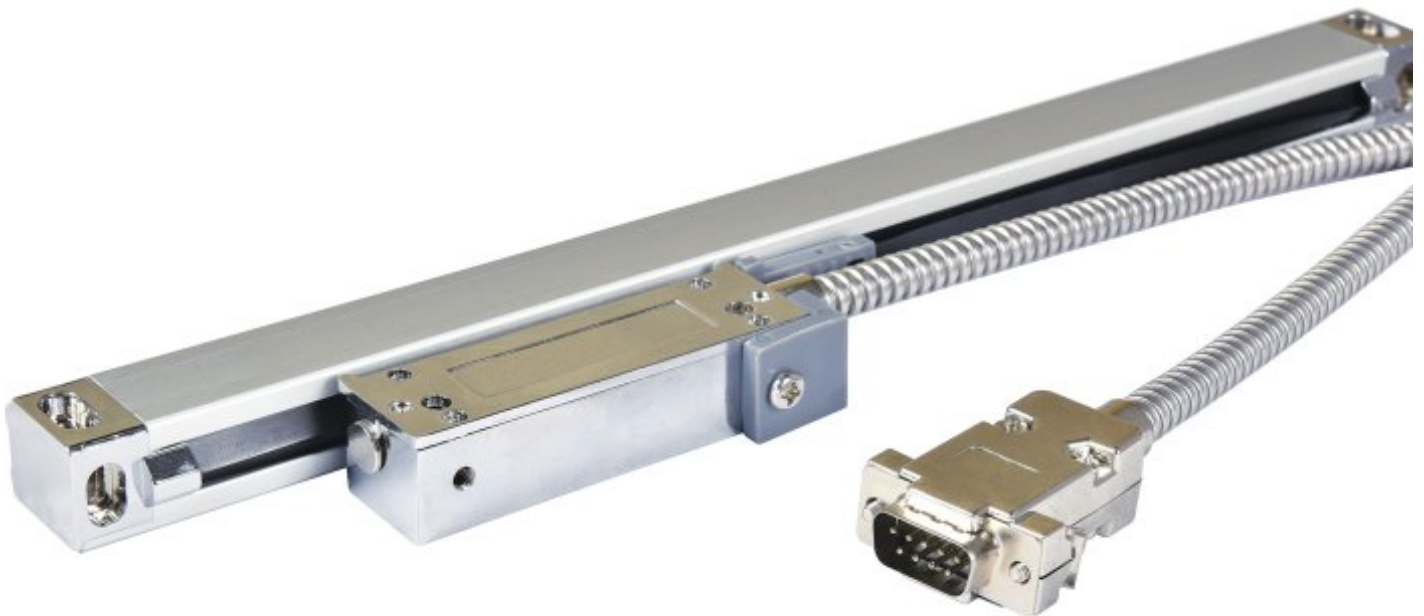


**MEASUMAX MX-500-120/5U**

**120mm Digital Readout Scale**

**MX-500 Compact Scale**



## MEASUMAX 120mm Digital Readout Scale MX-500-120/5U



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

- 120mm Linear scale
- Scale cover
- 1 x Y-Axis 'E2' Bracket Slotted and Tapped (35x70x10mm)
- Screws and washers

### Specifications

<b>ORDER CODE</b>	Q8510
<b>MODEL</b>	MX-500
<b>Type</b>	Compact Linear Scale
<b>Travel - Maximum (mm)</b>	120
<b>Overall Length (L) (mm)</b>	232
<b>Scale Resolution (µm)</b>	5µm (0.005mm)
<b>Grating Pitch</b>	20µm (0.02mm)
<b>Accuracy (µm)</b>	±0.005mm <sup>①</sup> ±0.01mm/M
<b>Output Signal</b>	5V TTL
<b>Connector</b>	9 pin D-Sub
<b>Cable Length (Metre)</b>	3m metal conduit
<b>Working Temperature (°C)</b>	-10°C—60°C
<b>Sealing Protection Class</b>	Class: IP54
<b>Maximum Speed (M/min)</b>	60M/Min

**MEASUMAX 120mm Digital Readout Scale MX-500-120/5U**

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