

# DIGIMICRO MF-501 High Performance Measurement Head

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DIGIMICRO MF-501 High Performance Measurement Head

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- 1 + **S\$4,564<sup>00</sup>**

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Qty 1+	<b>S\$4,564.00</b> each
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### General

Measurement Head **Type:**

MF-501 **Model Number:**

**Note:**  
Includes Standard Measuring Probe  
Measuring Force: Downward 1.13 to 1.62N  
(Variable to about 0.29N), Laterally 0.64 to 1.23N

Nikon **Manufacturer:**

## Physical & Mechanical Properties

310	<b>Weight (g):</b>
30 (W) x 232 (H)	<b>Dimensions (mm):</b>
1 $\mu\text{m}$ (20 °C)	<b>Accuracy (<math>\mu\text{m}</math>):</b>
500	<b>Speed (mm/s):</b>

## Environmental & Durability Factors

0 to +40	<b>Operating Temperature (°C):</b>
-20 to +60	<b>Storage Temperature (°C):</b>

## Regulatory Compliance

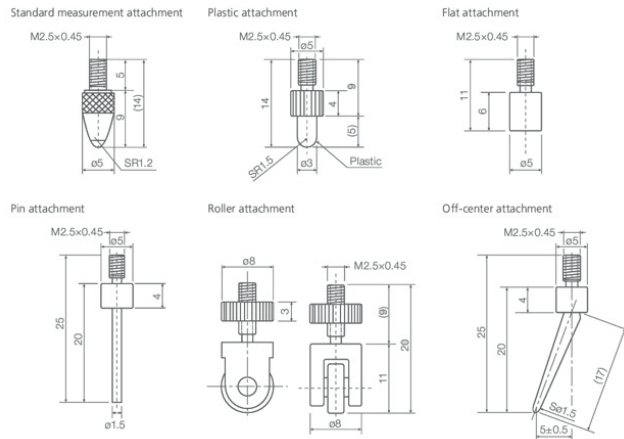
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>REACH 241:</b>

## Product Details

- 1  $\mu\text{m}$  Accuracy (at 20°C) and Measurement Length of 0 - 50mm
- 500mm/sec Maximum Response Speed
- Granite Platform Stand and 6 Measuring Probe Tips Available

The Nikon DIGIMICRO Digital Length Measuring System features a built-in, photoelectric, digital linear scale to provide precise contact-based thickness, depth, and height measurements of industrial materials. This measuring system has a 0 – 50mm measuring range and a 0.1  $\mu\text{m}$  minimum readable value at an accuracy of 1  $\mu\text{m}$  (at 20°C) with a response speed of 500mm/sec. The measurement head has 6 measuring probe tip options such as the standard, pin, plastic, off-center, flat, and roller tips for measurements of various materials. The Nikon DIGIMICRO Digital Length Measuring System is equipped with the MFC-200 Digital Counter for display and resolution switching, direction switching, and display unit switching functions. This measuring system is ideal industrial metrology applications requiring extreme precision and accuracy.

## Technical Information



PID4485\_Measurement\_Probes