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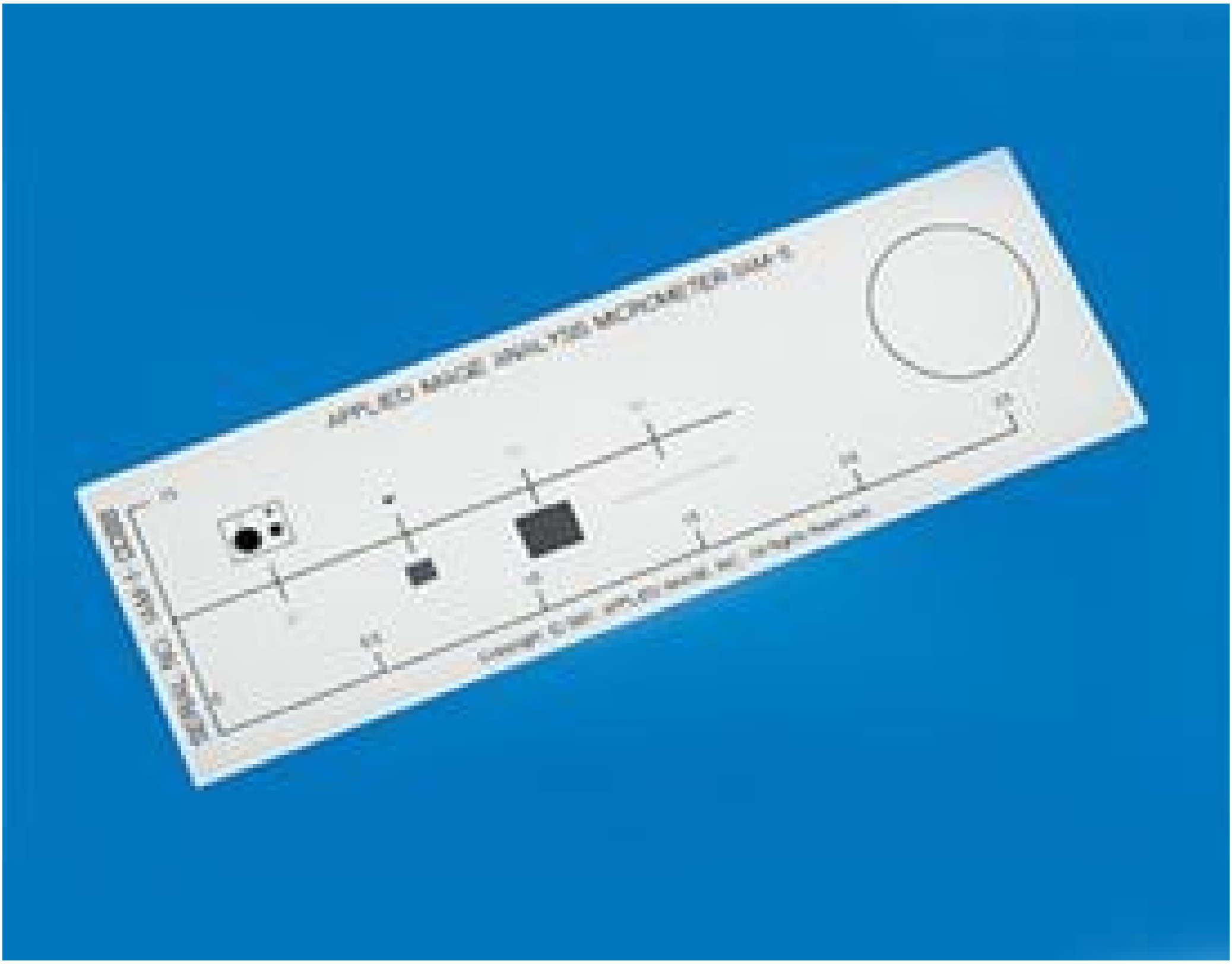
Image Analysis Micrometer on Opal Glass



Chrome on Opal Glass

Stock **#58-605** **4 In Stock**

- 1 + **S$931**.00

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Volume Pricing	
Qty 1-4	**S$931.00** each
Qty 5+	**S$885.22** each
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General

NIST Certification:

No

Physical & Mechanical Properties

Scale Divisions:

0 to 2.5 inches

Increments:

0.5 inches

Dimensions (mm):

25.4 x 76.2

Thickness (mm):
1.50 ±0.100

Dimensional Tolerance (mm):
±0.100

Pattern Tolerance (µm):
±2 (±4 for Plate 1 Item #3 and #4)

Optical Properties

Substrate:
Chrome on Opal Glass

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

Product Details

- Designed for Morphological Calibration and Measurement
- 8 Test Plates of Various Patterns
- NIST Certified Version Available

Image Analysis Micrometers are ideal for morphological calibration and measurement of two-dimensional shapes. They feature eight test plates in various sizes of circles, squares, lines, and other geometries. Small patterns, featuring diameters as small as 6.25µm, are ideal for image analysis and machine vision systems, whereas larger features, including a 2.5" linear scale and 0.5" diameter circle, are available for macro inspection. Test plates 1-4 correspond to top patterns and 5-8 to bottom patterns from the left to right. Image Analysis Micrometers are available in NIST certified versions which conform to ASTM-E112 requirements with plate 1, 2, and 8 measured and calibrated.

Technical Information

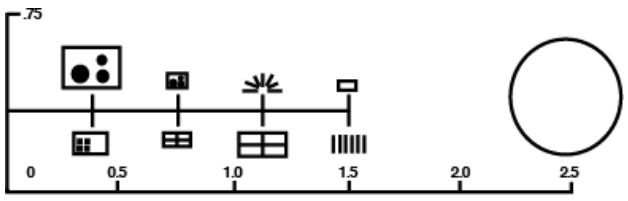

Plate	Frame Size	Description
1	4.6 x 3.5mm	Circles with 2.00, 1.00, 0.50, and 0.25mm diameter
2	1.0 x 0.8mm	Circles with 0.500, 0.250, 0.125, 0.0625mm diameter
3	1.0 x 0.8mm	7 bars separated by 30°, 0.200 x 0.020mm
4	1.0 x 0.8mm	Various circles, bars, and angular features
5	1.0 x 0.8mm	Squares of 0.100, 0.040, 0.020mm (2 sets)
6	2.05 x 1.65mm	Grid with 0.050mm lines at 0.100mm pitch
7	4.2 x 3.4mm	Grid with 0.200mm lines at 0.200mm pitch
8	10mm long	Scale with 0.010mm divisions

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