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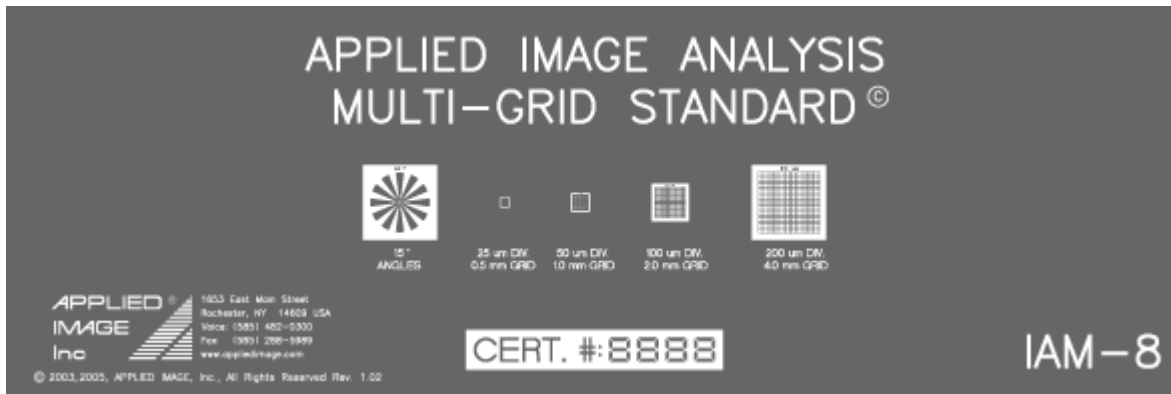
IAM-8
 Multi-Grid Pattern
 Product Specifications



Catalog Part No: IAM-8-CG / IAM-8-OP

Product Name: Multi-Grid Standard

Drawing / Photo of part:



The above image is an approximate representation of the actual product.
 Specifications are subject to change without notice.

Description: This image analysis tool features a sector-star target and four grid patterns. These features are useful for detection of astigmatism or distortion as well as for verification of magnification. The overall image is available on two different substrates as follows.

<i>Part Number</i>	<i>Substrate Type</i>
IAM-8-CG	Chrome on Glass
IAM-8-OP	Chrome on Opal

Sector Star: The diameter of this feature is divided into 15 degree segments, forming twenty four alternating opaque and clear sectors. The star measures 3.82 mm at the outside diameter and 0.191 mm at the inside. Frequencies range from 1.0 cy/mm to 20.0 cy/mm.

Grid Dimensions:

<i>Overall Size (mm)</i>	<i>Line Pitch (micron)</i>	<i>Line Width (micron)</i>
0.5 x 0.5	25	2
1.0 x 1.0	50	2
2.0 x 2.0	100	10
4.0 x 4.0	200	20

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Image Polarity: Opaque lines on clear field with an opaque border

Substrate Size: 25 x 76 mm

Substrate Thickness: 1.42 mm or greater

Reading Direction: Right Read Chrome Up (RRCU)

Image Placement Accuracy: 0.001mm per 100mm on glass

Feature Size Accuracy: Typical line width is 2 to 5 percent of aim

Image forming Material: Chromium and chrome oxide

Image Contrast or Density: Chrome transmission density is 2.6 or greater

History or Typical Use: This image analysis tool can be used for checking imaging systems for astigmatism, magnification or distortion.