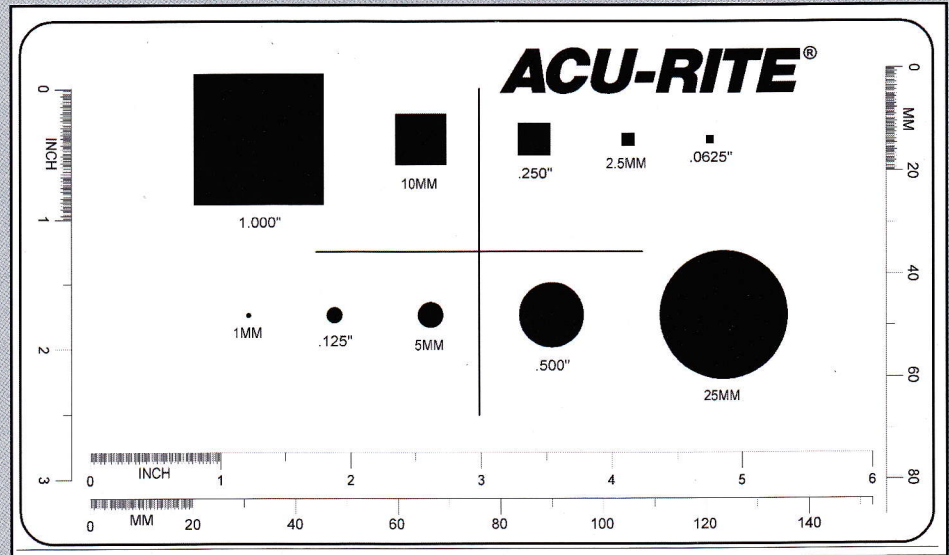


ACU-RITE's Magnification Checker aids in the calibration of optical comparators and other inspection equipment. The "Mag Checker" is backed by ACU-RITE's years of expertise in glass scale technology. The Mag Checker features chromium etched references on heavy duty 1/4" glass. This chromium replication process is based on an exclusive master accurate to  $\pm 2.5\mu\text{m}$ .

References on the Mag Checker include crosshairs as well as vertical

and horizontal rules in both English and Metric units of measurement. Perpendicularity of the crosshairs and rules, relative to each other, are accurate to  $\pm 1$  arc second. The geometric reference shapes, circles and squares, verify optical geometry of a comparator.



Note: These one inch and 20 millimeter sections are divided into 100 increments. The chrome lines are too fine to represent on paper.

## SPECIFICATIONS

**Dimensions:** 4.0" W x 7.0" L x 1/4"  
Nominal Thickness

**Material:** Selected Glass

**Deposition  
Material:** Chromium

*Test Measurements Report gives a measured deviation from nominal in micro inch for English and microns for Metric.*

**PART NUMBER 389901-000**

**Traceable test points calibrated on each piece are:**

- 5 points on English Scale
- 2 points on Metric Scale
- 3 points for Circles
- 2 points for Squares

# ACU-RITE®

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