



Image Science
Associates

ColorGauge Targets

- Unique and custom color targets -



ISA's **ColorGauge** targets are miniaturized professional grade color targets for assessing color, tone, and full scale white balance for cameras and scanners in close-up or macro photography applications. Our **ColorGauge** targets

- Have the identical pigmented color paints as the GretagMacbeth™ ColorChecker®.
- Include 12 spectrally neutral gray patches (matte or gloss*) to assess correct exposure and full-scale white balance.
- Are mounted on aircraft grade anodized aluminum and set below the top surface to help protect from damage.
- Include the **RezChecker** that provides additional features for measuring image capture resolution according to ISO 12233.
- Offer options for
 - Custom sizes and/or colors
 - NIST certified colorimetry
 - Ruggedized with cover glass to be waterproof with standard AR coating or Tru Vue® Conservation Grade UV protection glass

Made with



Munsell
C O L O R

www.imagescienceassociates.com

315-573-4782





- Truth in Imaging -

ColorGauge Target Options
made with

Munsell
 COLOR

&



				
	Micro	Nano	Pico	RezChecker
patch size	1/4" x 1/4" 6.35mm x 6.35mm	1/8" x 1/8" 3.17mm x 3.17mm	1/16" x 1/16" 1.58mm x 1.58mm	1/4" x 1/4" 6.35mm x 6.35mm
overall size (w/o cover glass)	1-3/8" x 1-5/8" x 0.060" 35mm x 41.3mm x 1.5 mm	11/16" x 13/16" x 0.060" 17.5mm x 20.6mm x 1.5 mm	3/8" x 7/16" x 0.060" 9.5mm x 11mm x 1.5 mm	1-7/8" x 1-5/8" x 0.060" 47.5mm x 41mm x 1.5mm
overall size (Quartz AR single coated cover glass)	1-1/2" x 1-3/4" x 0.080" 38mm x 45mm x 2.0 mm	13/16" x 15/16" x 0.080" 21mm x 24mm x 2.0 mm	1/2" x 9/16" x 0.080" 13mm x 14.6mm x 2.0 mm	2" x 1-7/8" x 0.080" 51mm x 47.5mm x 2.0 mm
overall size (Tru-Vue cover glass)	1-1/2" x 1-3/4" x 0.158" 38mm x 45mm x 4.0 mm	13/16" x 15/16" x 0.158" 21mm x 24mm x 4.0 mm	1/2" x 9/16" x 0.158" 13mm x 14.6mm x 4.0 mm	2" x 1-7/8" x 0.158" 51mm x 47.5mm x 4.0 mm
Gray (matte)	✓	✓	✓	✓
Gray (gloss)	✓	✓	✓	✓
NIST Cert. Colorimetry	✓	NA	NA	✓
Custom Colors	✓	✓	✓	✓
Analysis Software	✓	✓	✓	✓

* **Gloss gray patches** have an extended dynamic range (density ~ 2.4) and are suitable for measuring camera imager noise. Specular reflections from the gloss surface may occur for illumination geometries less than 45°/0° when used without crossed polarizers.

* **Matte gray patches** have a lower dynamic range (density ~ 1.6) but are more suited to narrow illumination geometries such as those used in endoscopic imaging or with direct on-camera flash units. Because the matte surface can be interpreted as imager noise, we do not recommend using matte gray patch targets for evaluating imager noise in high magnification applications.