

EO Telecentricity Test Target



Stock **#58-404** **5 In Stock**

C\$2,009⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-4	C\$2,009.00 each
Qty 5+	C\$1,908.90 each
Need More?	Request Quote

Product Downloads

Physical & Mechanical Properties

110 x 156 **Pattern Size (mm):**

110 L x 110 W x 110 H **Dimensions (mm):**

Aluminum base **Construction:**

Low Magnification Pattern:
 2 alternating frequencies: 1) 3 lines, 2mm thick on 3mm centers
 2) 4 lines, 0.1mm thick on 2mm centers

Mid Magnification Pattern:
20 lines, 0.1mm thick on 0.5mm centers

High Magnification Pattern:
40 lines, 0.1mm thick on 0.25mm centers

Optical Properties

Substrate:
Black Print on White Mylar® with Protective Lamination

Magnification:
0.08X - 5X

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 240:
[Compliant](#)

Product Details

- Critical Tool for Measurement Vision Systems
- Calibrates Any Type of Lens
- Covers Large Range of Magnifications

Telecentricity is an extremely useful metric for measuring the amount of perspective error inherent in an imaging system. Determining the degree of telecentricity allows the user to calculate an imaging system's maximum measurement accuracy. The target can be used to calibrate the degree of telecentricity in both telecentric and non-telecentric lenses. Keystoning becomes visual with the target and can be measured with software. Lenses from our 0.08X MVO® Telecentric Lens ([#56-948](#)) to the 5X Mitutoyo Telecentric Objective ([#56-986](#)), and any lens in between, including our high resolution [Double Gauss lenses](#), [VZM™ Zoom Lenses](#), and [MVO® MMS®](#) interchangeable lens system, can be calibrated or compared with this target.

Patterns

- Low Magnification (2 Alternating Frequencies):
3 Lines, 2mm Thickness on 3mm Centers
4 Lines, 0.1mm Thickness on 2mm Centers
- Mid Magnification: 20 Lines, 0.1mm Thickness on 0.5mm Centers
- High Magnification: 40 Lines, 0.1mm Thickness on 0.25mm Centers

Technical Information

