



Savvy Optics Corp Inspection Products

Scratch and Dig related products (MIL-PRF-13830B and ANSI/OEOSC OP1.002 Visibility Method)

SavvyInspector™ SIF4E, SIF4M and SIF-16 v6.2

Entry level scratch and dig inspection station for visibility-based surface quality inspections. Manual stages have 100 mm of travel in x and y. Head is focused by hand.



SavvyInspector™ SIF4M SIF8, and SIF16 v6.2

Motorized scratch and dig inspection station for visibility-based surface quality inspections. Head focus and stage position driven by joy stick. Horizontal range of travel varies from 100 mm to 400 mm per axis. Includes autoscan and mapping software.



D-668 scratch and dig comparison samples

Scratch brightness samples made in accordance with ANSI/OEOSC OP1.002, and certified Army traceable using SIF technology. The five scratch samples and five dig samples are provided in a PET-G box which is ISO 4 cleanroom compatible.



D-668-11 scratch and dig viewing fixture

Standard viewing fixture for MIL, ANSI, and ASTM visual inspections. Available in wood (shown) or Plastic (not shown) for cleanroom use.



Certification of scratch visibility standards

All makes (Brysen, Davidson, FLIR, etc.) of comparison standards can be certified, traceable to the Picatinny limit standards via SIF technology.

Measurement study and ISO 17025 certification of traceability to NIST and ISO standards.

Third party optics surface quality inspection

Either on-site or at Savvy Optics



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Surface imperfection inspection related products (ISO 10110-7 and ANSI/OEOSC OP1.002 Dimensional Method)

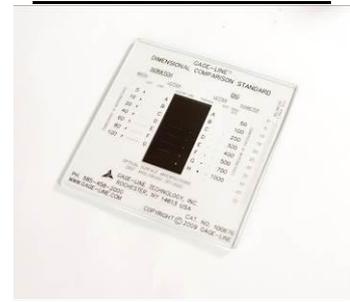
ISO 10110-7 surface imperfection comparison plate

MLA Chrome on glass comparison plates for imperfection grades from 0.4 to 0.004 (round) and 0.1 to 0.001 (long). Available in positive or negative format.



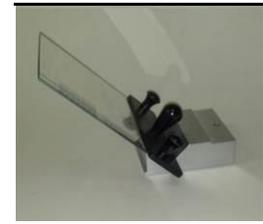
ANSI/OEOSC OP1.002 dimension method comparison plate

Chrome on glass dimensional comparison plate made by Gage-Line for OP1.002 dimensional inspections. Available in Fe₂O₃ and Chrome on glass.



ANSI/OEOSC OP1.002 dimension method comparison plate with handles and staging block

The OP1.002 dimensional comparison plate with a four position staging block for hands-free use. Available in Fe₂O₃ and Chrome on glass.



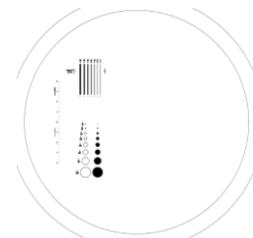
ANSI/OEOSC OP1.002 dimensional method 7x or 10x pocket comparator

The ANSI/OEOSC OP1.002 dimensional artifacts in a convenient, illuminated comparator. Available in Fe₂O₃ and Chrome on glass.



Microscope Eyepiece Reticles

Scratches and digs in a range of dimensional grades, but with a large, clear viewing area for inspection. Available for Zeiss, Nikon and Olympus microscopes.



Contact us for a quote.