

Veiling Glare Index (VGI) Kits

- Black spot surrounded by a uniform, bright field
- VIS/NIR testing (400mm – 1000mm)
- Sphere rotates to present black spot off axis, up to ± 40 degree rotation
- Stray light measurements per ISO 9358
- Validated with reference lens down to 0.1%
- Sphere size options (based on focal length)
 - 6" sphere
 - 10" sphere
 - 20" sphere
- Available as upgrade to existing LensCheck or standalone system



GSF Upgrade

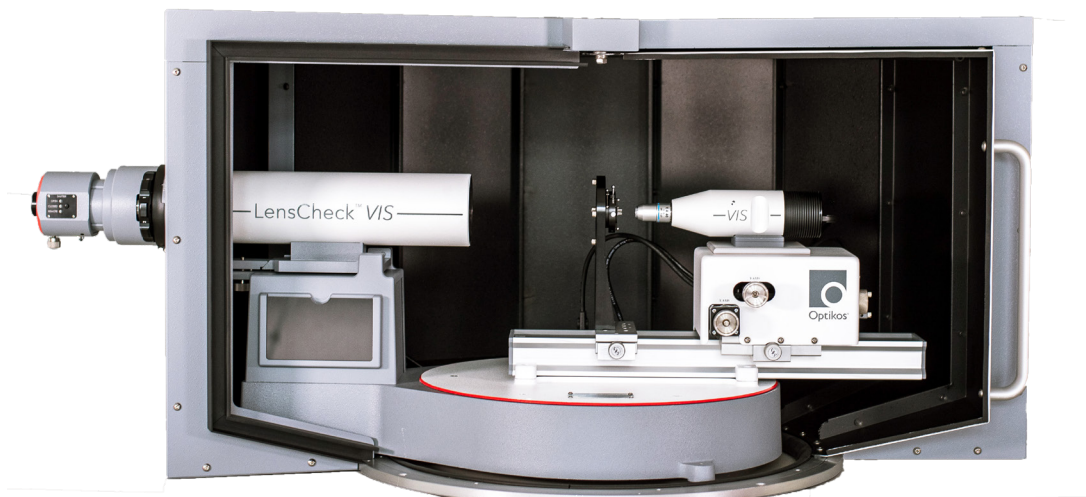
- Expands the capacity of the LensCheck VIS to measure Glare Spread Function (GSF) of the lens under test in accordance with ISO 9358
- Measurement module include the following hardware upgrades
 - 40X 0.65NA objective with precision pinhole field stop
 - Light guide adapter with diffuser and reduced exit aperture
- VIS/NIR testing (400mm – 1000mm)
- 10^{-6} or better dynamic range for broadband visible test spectrums
- Only available as an upgrade to a new or existing LensCheck VIS System

Enclosure

LensCheck VIS measurement accuracy and repeatability is optimized when the system is operating in a dark environment that eliminates all stray background illumination. This is especially critical for high dynamic range measurements such as the Glare Spread Function (GSF). The LensCheck enclosure was designed for this purpose as it replaces the need to provide a dedicated dark room for lens testing.

Features:

- Creates a dark environment around the lens under test to optimize measurement accuracy and repeatability
- Eliminates air current effects from HVAC in laboratories or fan filter units in cleanrooms
- Allows full access to the instrument while loading a lens and performing alignments
- Most compact form factor (open~ 41"L x 32"W x 22"H)





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