STANDARDS TEST FIXTURE

Spectacle Lens Test Fixture ISO 14889

Static load fixture for uncut finished spectacle lenses to ISO 14889



OVERVIEW

Special fixture for testing the fundamental requirements of uncut finished spectacle lenses according to ISO 14889. The lens rests on a support inside a transparent safety shield, while a central ram connected to the testing machine applies a static load of up to 100 N to the lens surface. The shield contains fragments if the lens fractures.

KEY FEATURES

- Test arrangement designed to ISO 14889 requirements
- Transparent safety shield contains lens fragments
- Central guided ram applies load to the lens center
- Rated to 100 N static load
- Durable nickel-coated steel construction for corrosion resistance
- Female clevis coupling Ø 15.9 mm (5/8 in)

TECHNICAL SPECIFICATIONS

Max. load	100 N
Test type	Static load on uncut finished lenses
Specimen	Uncut finished spectacle lenses
Safety	Transparent protective shield
Material	Steel, nickel-coated
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Temperature range	Ambient

APPLICATIONS

- Ophthalmic lens manufacturers
- Spectacle lens certification
- Optical laboratories
- Eyewear quality control

STANDARDS ISO 14889

Ordering & customization: Specify lens diameter range and machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-820