

QUALITY TESTING

Professional and precise – for the perfect eyeglasses

The perfect eyeglasses are always the result of precise, professional quality testing. Only when the entire glass grinding process – from refraction to testing of final results – has been carried out with particular precision and high quality can the perfect eyeglasses be achieved.

Timely testing of today's eyeglasses with high-quality glass varieties requires special tools in the workshop and in customer service. Q-CHECK was specifically developed for this application and makes it easy to check new and used glasses – precisely, quickly, and easily.

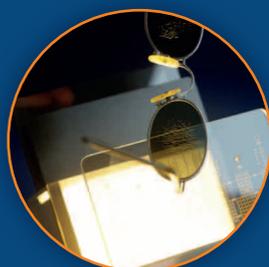
Q•CHECK by LUMOS

Centering test

Tension test

Surface test

Engraving detect



Q-CHECK by LUMOS

The equipment in the Q-CHECK series are designed exclusively for use by quality-oriented opticians and grinding workshops. They permit the precise testing of finished, mounted eyeglasses before handing them to the customer and – just as importantly – the testing of pre-worn eyeglasses in customer service. Used consistently, these are the key to high quality standards and therefore to the perfect eyeglasses.

These compact units offer unique functionality and combine the following important tests into a single system:

Centering test: Q-CHECKplus can check eyeglasses with unifocal, bifocal, and even progressive lenses. For progressive lenses, direct centering can be tested based on the engraving, without time-consuming, error-prone marking – quickly, easily, and with high precision!

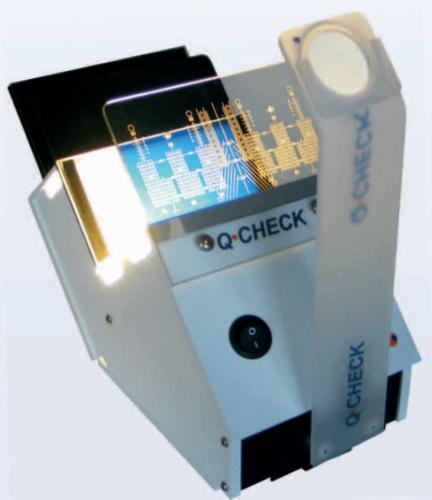
Tension test: Q-CHECKplus does high-quality testing on both lens at the same time, and the „Lab“ variant even uses high-sensitivity polarizing filters.

Surface test: Surface defects and layer discontinuities are clearly visible. Constant testing conditions lead to consistent test results. In the „Lab“ variant, this is particularly effective due to a light/dark field process using oblique light.

Engraving detection and marking of progressive lenses: Two different processes can be used to detect most engraving. This also makes it possible to mark the center point, for example when adjusting eyeglasses. This eliminates the need to search for the right template and prevents imprecise work.

	Q-CHECKplus	Q-CHECKlab
Centering test		
Unifocal lenses	●	
Bifocal lenses	●	
Progressive lenses	●	
Tension test		
normal sensitivity	●	
high-sensitivity		●
Surface test		
Engraving detection	●	●
Light/dark field (oblique light)		●
Engraving detection / marking		
Engraving detection	●	
Marking of progressive lenses	●	

Q-CHECKplus by LUMOS



Scope of delivery	Unit with integrated control, scale plate, ocular
Dimensions	125 x 190 x 220 mm
Weight	1.3 kg
Power supply	230V / 50 Hz
Article number	001.393

Q-CHECKlab by LUMOS



Scope of delivery	Unit with highly sensitive tension testing and quickly adjustable analyzer plate for surface testing using a light/dark field process
Dimensions	125 x 190 x 220 mm
Weight	1.3 kg
Power supply	230V / 50 Hz
Article number	001.625