

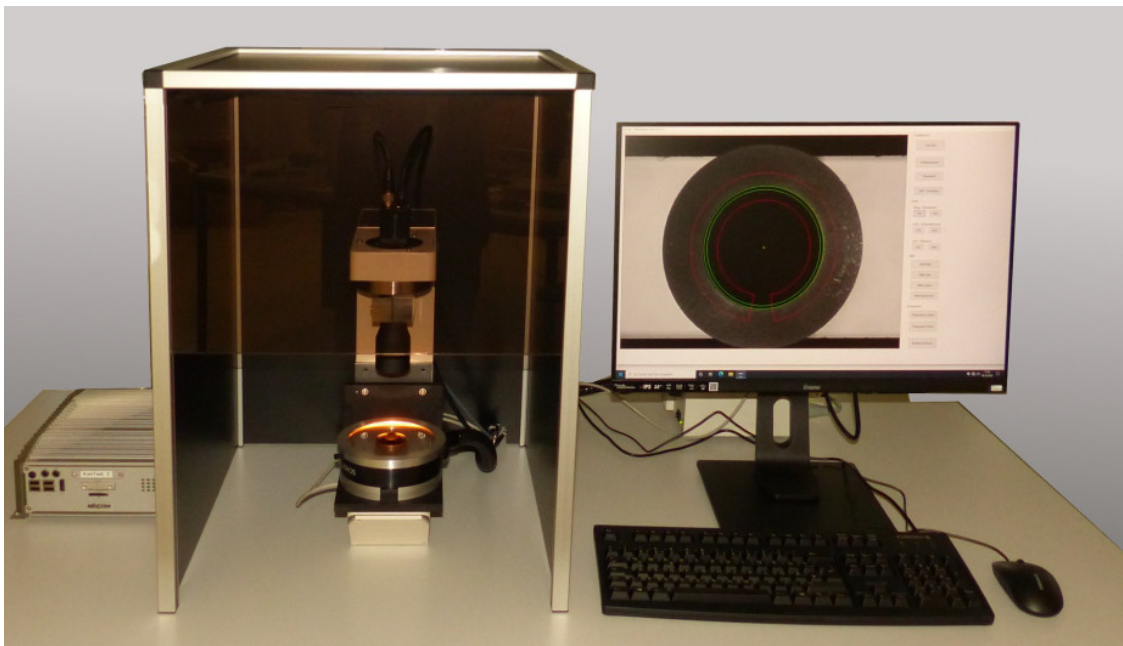


Steinbeis
Qualitätssicherung und
Bildverarbeitung GmbH

LensTest - Sample

Measuring device for geometric features on lenses

The LensTest sampling measuring device is used to measure the outer diameter, bevel width and concave opening on a lens. It is suitable for spot tests in the series production of lenses. The test specimens are manually inserted into the device. The measuring range is approx. 18 mm x 15 mm. The measurement uncertainty (object-dependent) for the outer diameter has been proven to be +/- 0.002 mm. A measurement report is output.



Eingaben Sachnummer: <input type="text"/> Auftragsnummer: 123456 Prüflosnummer: 12345678901 Palettennummer: 2123 Chargen - ID: S11 Zusatz 01: <input type="text"/> Zusatz 02: <input type="text"/> Bediener: Pruefer1 Zusatzhinweise: <input type="text"/>	Prüfer: Pruefer1 Datum: 22.04.2021 Bemerkung: 	Prüfer: Pruefer1 Datum: 22.04.2021 Bemerkung: 	Eingaben Sachnummer: <input type="text"/> Auftragsnummer: 123456789012 Prüflosnummer: 123456789012 Palettennummer: 123456789012345678 Chargen - ID: 1234567890 Zusatz 01: 1234567890 Zusatz 02: 123 Bediener: Pruefer2 Zusatzhinweise: <input type="text"/>
Fertigungslosgröße: 120 Parameter: <input type="button" value="Parameter"/> Ausgaben Prüflosgröße: 11% = 13 Zähler: 1	Prüfer: Pruefer1 Datum: 22.04.2021 Bemerkung: 	Prüfer: Pruefer1 Datum: 22.04.2021 Bemerkung: 	Fertigungslosgröße: 120 Parameter: <input type="button" value="Parameter"/> Ausgaben Prüflosgröße: 11% = 13 Zähler: 0
Maschine A1 A6 A2 A3 A4 A5 Funktionen <input type="button" value="START - A 3"/> <input type="button" value="Transfer Datenbank"/>	Prüfer: Pruefer1 Datum: 22.04.2021 Bemerkung: 		Maschine B6 B1 B2 B3 B4 B5 Funktionen <input type="button" value="START - A 3"/> <input type="button" value="Meisterebene"/> <input type="button" value="Ende"/>



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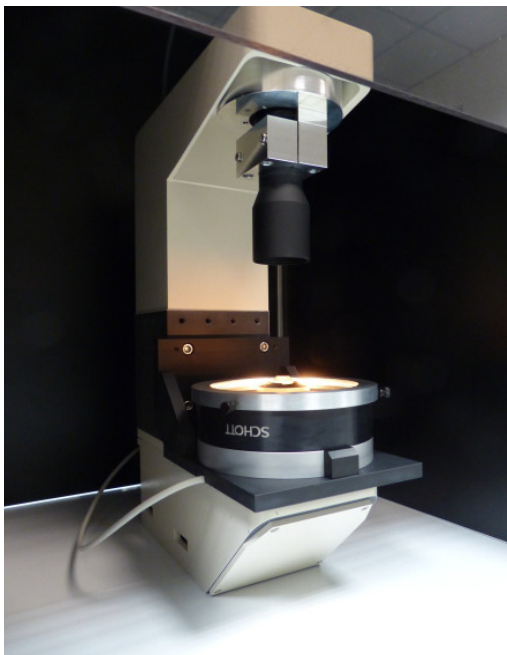
Technical Data

Hardware:

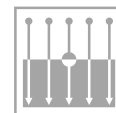
- Measurement with telecentric lens
- Bright transmitted light (also penetrates optical protective coating)
- Telecentric transmitted light
- Ring light with light guide cable and light generator
- Manual insertion of the test object
- CCD camera with Gigabit Ethernet connection 1280 x 1024 pixels
- Compact PC, 64 bit. Windows 10

Software:

- Automatic measurement sequence with control of the illuminations according to test plan.
- Display of the measurement results and colour marking according to their position in relation to the stored tolerance range
- Continuous display of the measured characteristic values in quality control charts
- Measuring time per test object approx. 8 to 15 s
- Storage of measurement results in local database and company database possible



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