



Polygraphische
innovative Technik
Leipzig GmbH

Test Element for the Register Measuring System

What for?

- The element is a testing medium for the supervision of the LUCHS Register Measuring System. It guarantees the uncomplicated checks of this measuring system, carried out e. g. as routine checks by the user.

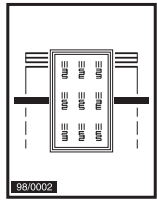
What do you get from us?

- test element on opal flashed glass stuck into a base plate,
- a carrying case,
- a test certificate for the test element,
- the test specification.



Certified?

- The test element is made by a manufacturer of optical precision equipment.
- At PITSID it is linked to a working standard through comparative measurement whose traceability to the national standard is guaranteed with a calibration certificate of the „Carl-Zeiss-Jena Prüfzentrum“, a calibration office of the German Calibration Service (Deutscher Kalibrierdienst).



Test Element for the Register Measuring System

What is tested?

- all measuring functions of the LUCHS
- the compliance of the measured absolute values with the measuring uncertainty specified in the LUCHS Operating Manual, i.e. the metric length values in μm .

How?

You just click the test software and measure the test element by positioning the LUCHS measuring head ten times on the test element. The test is documented by a printed test protocol.

When?

The use of the test element for the checking of the LUCHS is principally left to the user of the LUCHS. The check could be carried out once every year or as part of the routine examination of the measuring equipment.

The check is recommended after the change of the lamp in the measuring head or once every year.

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