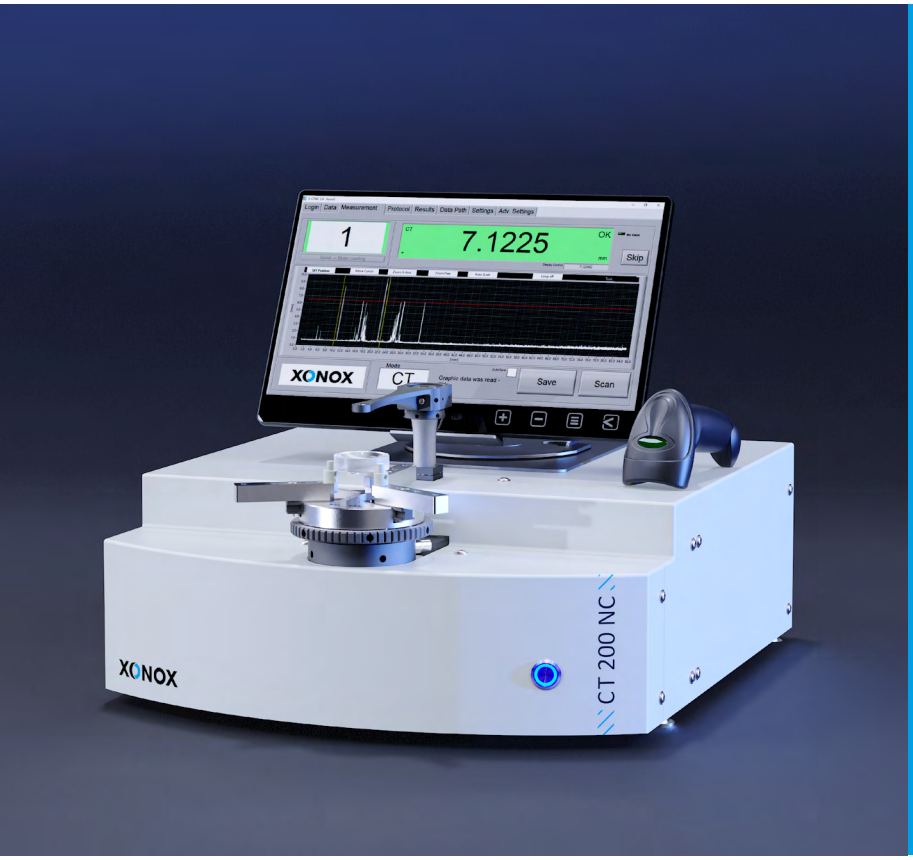
CT 200 NC



NON-CONTACT
CENTER THICKNESS MEASURING SYSTEM

_ Generation 2 - now with improved, continuous measuring signal, increased accuracy and faster measurements

_ highly precise and easy to use non-contact system for measuring the thickness of optical elements in both, production and quality inspection environments

_ integrated interferometric sensor for fast, reliable and high precision thickness measurement

_ measurement of single elements and doublets

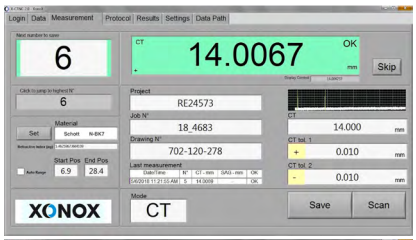
_ lenses automatically centered with an innovative precision 3-jaw chuck system

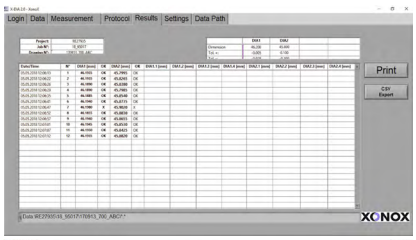
_ measurements of elements with one side access only is accommodated. Ideal for testing lenses - even mounted to holders - with demanding CT tolerances in the polishing operation

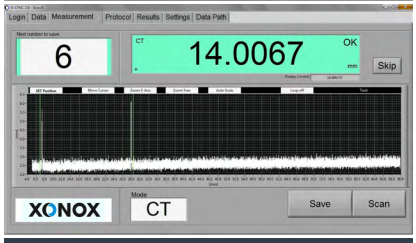
_ measurement of SAG depth, surface aperture diameter, total lens height and stock removal are supported in addition to CT measurement

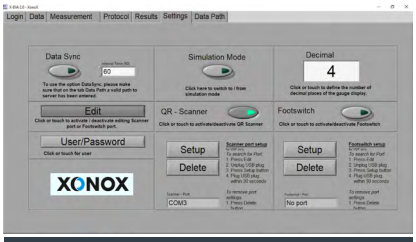
_ ergonomically positioned lens holder provides for safe, easy and fast loading and setup of workpieces up to Ø200mm

_ extensive integrated glass database provides ready access to index data. Software supported Index finding device allows for easy and quick automatic analysis of unknown index values



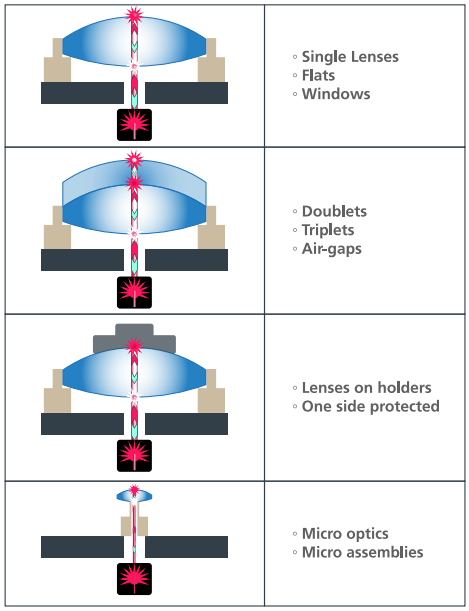






_ easy and touch screen optimized dialogue user interface
_ automatic numbering of lenses, IN/OUT of spec colors
_ full glass database for index settings
_ live display of measuring signal - zoomable by finger tip

_ automatic part numbering and result documentation
_ automatic marking IN/OUT of spec for all dimensions
_ intelligent and easy to use auxiliary and network settings
_ extensive data export functions + XONOX IQC compatible



WORKING RANGE	80mm max. optical thickness, max. part thickness depending on material index
DIAMETER RANGE	from micro optics sizes up to Ø200mm
MEASURING SYSTEM	Optical interferometer based measurement with precision coaxial distance measurement system
MEASURING ACCURACY	+/- 1 µm (depending on lens centration and index uncertainty) / Repeatability: +I- 0.5µm
MEASURING SPEED	Real-time measurements updated multiple times per second
DIMENSIONS (WxDxH) / WEIGHT	530 x 490 x 540 mm (plus touch screen height on top of instrument) I approx. 25kg
CONNECTIONS	110-240 V / 50-60 Hz
COLOR	Light grey RAL 7035

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READY

METROLOGY FOR OPTICS REDEFINED