

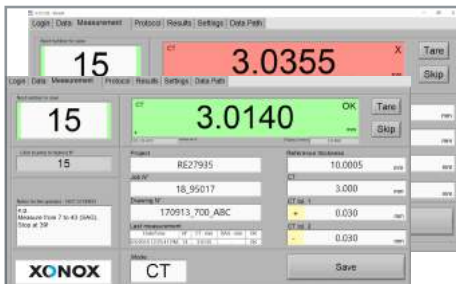
# CT 200



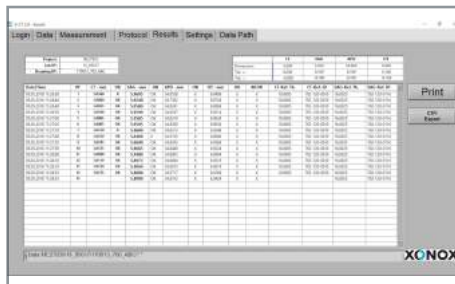
## CENTER THICKNESS MEASUREMENT SYSTEM

- \_ highly precise and robust Center Thickness measurement system for ground, polished and coated optics in both, production and quality inspection environments
- \_ designed for long term reliability and cost effective operation
- \_ measurements of SAG depth, surface aperture diameter, total lens height and stock removal are supported in addition to CT measurement
- \_ lenses automatically centered with an innovative precision 3-jaw chuck system
- \_ direct measurement of CT achieved through automatic, pneumatic actuation of probes that touch the upper and lower sides of the workpiece simultaneously
- \_ easy, fast and safe setup and loading of workpieces
- \_ proven by many independent parties to virtually eliminate the risk of damage to even the most sensitive polished and coated optics with strict cosmetic requirements
- \_ large measurement range from below Ø8mm up to Ø200mm
- \_ foot switch for easy and efficient measurement of series
- \_ optional software and controller package, "X-ct" offers additional measurement modes, automatic documentation creation, and data logging of measurement results

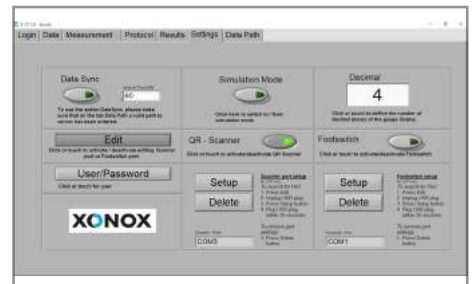
## SOFTWARE + CONTROLLER PACKAGE X-ct



- easy and touch screen optimized dialogue user interface
- automatic counting / numbering of lenses
- green (in spec) or red (out of spec) display of measurements
- data input manually or via QR code reader



- automatic documentation of all measurements
- listing of CT, SAG depth, Total Height, Aperture Diameter
- automatic marking IN/OUT of spec for all dimensions
- extensive data export functions + X-metroLINK compatible



- intelligent and easy-to-use setup for administrative functions and user handling
- quick setup for auxilliary equipment such as QR reader, footswitch etc.
- easy network integration and path settings for documentation

<b>WORKING RANGE</b>	50 mm travel of measuring gauges on different adjustable positions		
<b>DIAMETER RANGE</b>	Ø8 - Ø200 mm		
<b>MEASURING SYSTEM</b>	digital precision measuring gauge with 0.5µ resolution		
<b>MEASURING ACCURACY</b>	Resolution: 0.0005 mm	Accuracy: ≤ 0.002 mm	Repeatability: 0.001 mm
<b>DIMENSIONS (WxDxH) / WEIGHT</b>	460 x 300 x 650 mm (additional space required for X-ct PC) / approx. 30kg		
<b>CONNECTIONS</b>	110-240 V / 50-60 Hz, compressed air: 6 bar		
<b>COLOR</b>	Light grey RAL 7035		