CM 140



CENTERING ERROR MEASURMENT AND DOUBLET CEMENTING SYSTEM

_ automatic z-axis positioning plus software supported electronic motion- and vaccum control, linked to the specific job.

_ Additional HR screen, displaying actual status of rotation-, led- and vacuum level.

_ precise and easy to operate non-contact measurement system for determining centering errors on lens elements in production, quality inspection or metrology lab environments.

_ measurements facilitated by precision autocollimator and seondary substage collimator.

_ software recall of previous setups facilitates efficient use for recurring jobs.

_ lens centering can be measured in transmission or reflection.

_ unique, height adjustable chuck, automatically centers lenses of various diameters and correctly locates friction wheel for efficient loading and operation.

_ very fast and convenient setup of lensholder without any need for changing or adjusting a V-stop.

_ commonly used functions are conveniently located for easy access and direct control over Z-axis height, vacuum, speed, crosshair display.

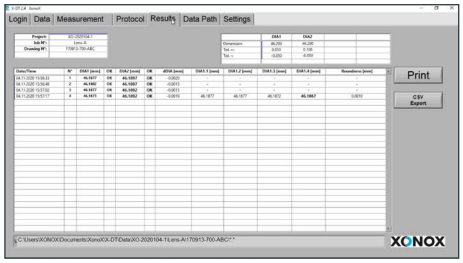
_ large measurement range.

_ equipped with "X-cm", an extensive software and controller package, that offers various operating modes and provides automatic measurement results of complete series.

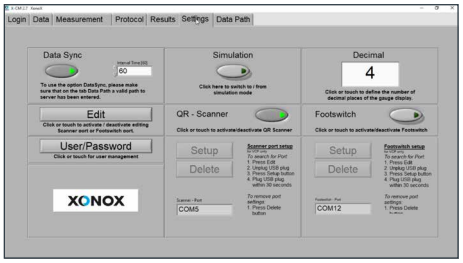
_ cementing of doublets and triplets by using additionaly available accessories such as glue dispensers and UV light sources



_ easy to use and ergonomical dialogue user interface
_ touch screen optimized functionality
_ possibility of setup simply via QR code scan
_ automatic counting / touch zoom for measuring window
_ green (in spec) or red (out of spec) display of measure-



_ automatic documentation of all measurements
_ listing of surface tilt, edge runout and beam deviation
_ automatic marking IN/OUT of spec for all dimensions
_ extensive data export functions
_ XONOX IQC compatible for advanced documentation



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

WORKING RANGE	625 mm travel of Z-axis
DIAMETER RANGE	Ø8mm - Ø140 mm
MEASURING SYSTEM	precision autocollimator and optional secondary substage collimator
DIMENSIONS (WxDxH) / WEIGHT	590 x 570 x 1300 mm / approx. 35kg
CONNECTIONS	110-240 V / 50-60 Hz, compressed air: 6 bar
COLOR	Light grey RAL 7035

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