CM 140 micro



CENTERING ERROR MEASURMENT AND DOUBLET CEMENTING SYSTEM FOR MICRO OPTICS

_ automatic z-axis positioning plus software supported electronic motion- and vacuum 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 secondary substage collimator.

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

_ lens centering can be measured in transmission or reflection.

_ unique, multi axis lensholder, securely centers microlenses of various diameters and correctly locates friction wheel for efficient loading and operation.

_ very fast and convenient setup of lensholder adjustable for normal lenses and rod lenses.

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

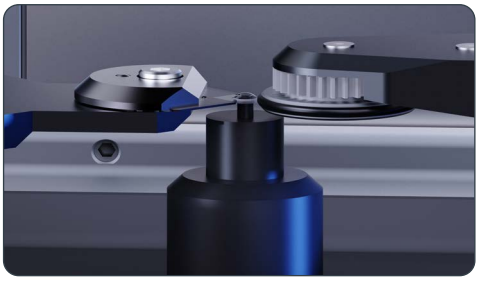
_ equipped with "X-cm", an extensive software and controller package, that offers various operating modes and provides automatic measurement results of complete series.

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

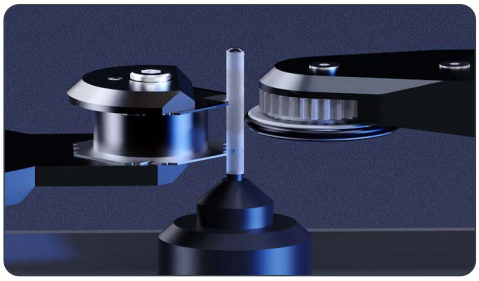
MULTI AXIS PRECISION LENSHOLDER



LENSES DOWN TO 0.5MM DIAMETER



ROD LENSES - DOUBLETS - LENS GROUPS



WORKING RANGE	625mm travel of Z-axis
DIAMETER RANGE	Ø1mm and above
MEASURING SYSTEM	precision autocollimator and optional secondary substage collimator
DIMENSIONS (WxDxH) / WEIGHT	590 x 570 x 1300 / approx. 35kg
CONNECTIONS	110-240 V / 50-60 Hz, compressed air: 6 bar
COLOR	Light grey RAL 7035

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iQC READY

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METROLOGY FOR OPTICS REDEFINED