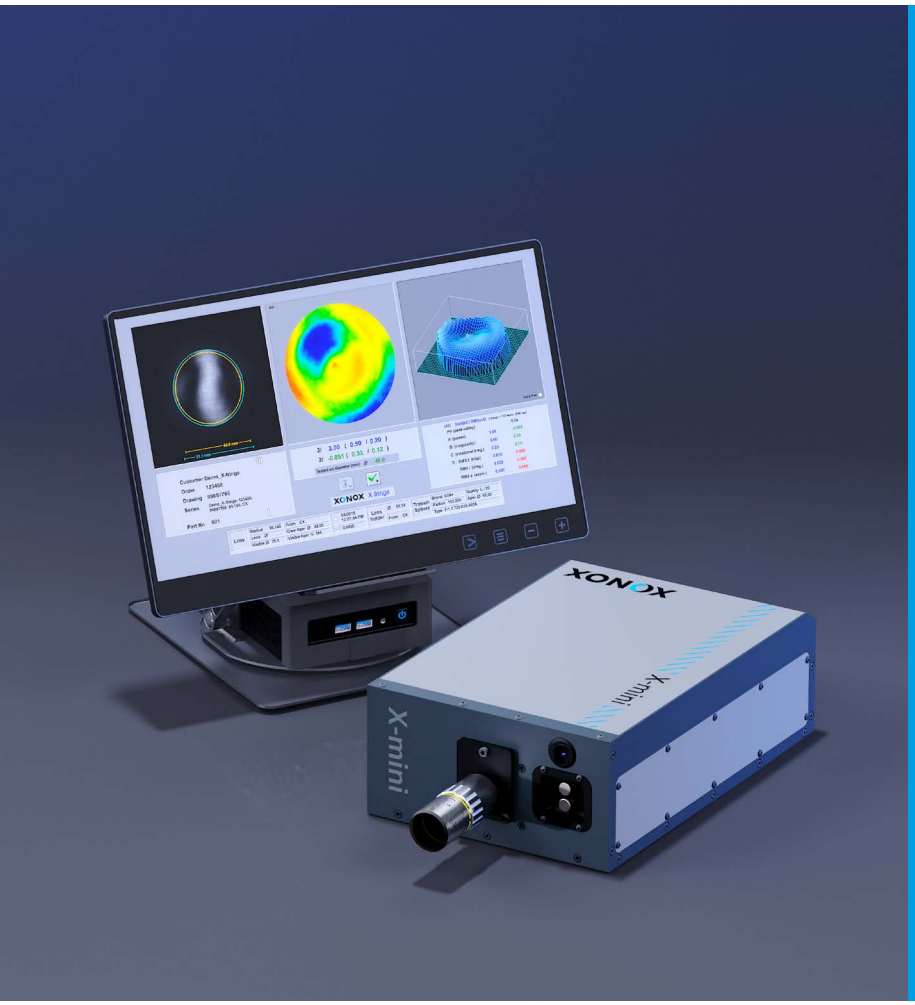
X-mini



COMPACT TWYMAN-GREEN INTERFEROMETER

_ innovative, high quality Twyman-Green interferometer with high resolution 5MP camera and seperate 1.6MP alignment camera

Smart Interface

_ software controlled, digital zoom for optimal image processing
_ software controlled, motorized pupil focus
_ automatic exposure and gain to achieve ideal fringe contrast
_ industry standard USB protocol used for all communications between computer and interferometer
_ robust vibration damping system, prefect for use in industrial production environments

Smart Construction

_ highly rigit frame and robust opto-mechanical design ensure alignment is maintained when mounting retained over time
_ high quality integrated piezo phase shifter
_ fiber coupled 633nm, wavelength stabilized laser

Smart Maintenance

_ automatic control of laser conserves lifetime and warns user when nearing end-of-life
_ innovative design concept allows for change of laser and electrical components within minutes (A laser change does notrequire a re-alignment and the process can be done with theinterferometer still installed within the measurement platform)

Right Sized for Micro Optics

_ 20mm aperture supports use of industry standard long working distance microscope objectives for testing spherical surfaces or creating spherical wavefronts

LASER SOURCE	633nm, wavelength stabilized, fiber coupled, TEC cooled, laser diode module				
OBJECTIV MOUNT	Mounting Threads: M26 x 36 TPIt				
IMAGING SYSTEM	low distortion imaging system with motorized pupil plane focus control _Main Camera: 5MP CMOS, 12 bit dynamic range _Alignment Camera: 1.6 MP CMOS				
CONTROLS	full software controll of all functions on PS2 versions via X-fringe PS2 analysis system				
COMPUTER / SOFTWARE	High performance micro PC, 15.6" touch screen, WIN11 64bit, X-fringe PS2				
DIMENSIONS (WxHxD)	310mm x 210mm x 100mm plus space for Screen and PC				
WEIGHT	approx. 10kg	**CONNECTIONS**	110-240 V / 50-60 Hz	**COLOR**	Perl-light-grey RAL 9022

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iQC READY

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METROLOGY FOR OPTICS REDEFINED