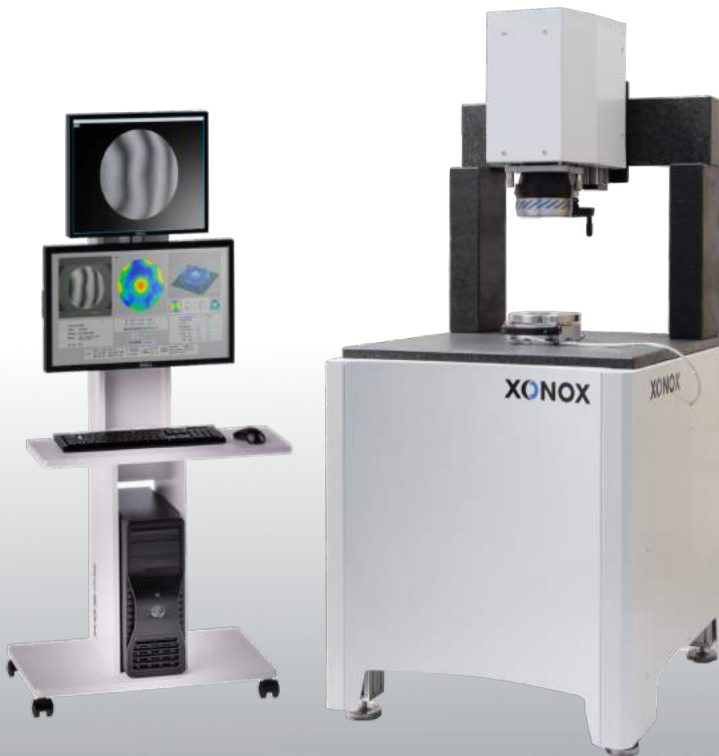


PI 500

PLANO INTERFEROMETER SYSTEM



- _ precise vertical interferometer for testing flat optical components and plano multiple blocks
- _ part holder with air bearing for easy movement of even heavy workpieces for fringe analyzing in different positions
- _ tip-tilt unit for easy adjustment of fringes, integrated in moveable part holder
- _ precision, vibration dampened measuring table made of natural granite in high flatness for comfortable analyzing in different positions without losing fringes
- _ adjustable interferometer height for setting best position for different workpiece thicknesses
- _ XONOX **X-fiz 100** (4") or **X-fiz 130** (5.2") high performance Fizeau interferometer with electronic control of optical zoom (1x to 10x), focus and contrast
- _ innovative, powerful and user friendly fringe analysis system **X-fringe2** with different smart and intelligent modes to suit various applications
- _ choose from low cost „ST“ version with static fringe analysis up to high performance „PS2“ phase shifting version
- _ system can be equipped either with PC table, 2 screens, mouse and keyboard or with built-in PC and touch panel for optimized operation and minimized space requirement in production environment
- _ additionally available in a "tower only" version „B“ for integrating existing or 3rd party interferometer units or version „Z“ equipped with ZYGO Verifire and ZYGO MX fringe analysis software

WORKING RANGE	up to workpiece diameter 500 mm
VERSIONS	<ul style="list-style-type: none"> _ PI500 ST with XONOX X-fiz 100 (4") / X-fiz 130 (5.2") with 10x optical zoom and static fringe analysis system XONOX „X-fringe ST“ _ PI500 PS2 with XONOX X-fiz 100 (4") / X-fiz 130 (5.2") with 10x optical zoom, phase shifting fringe analysis system XONOX „X-fringe2“ and piezo phase shifter XONOX „X-phase PMR“ _ PI500 Z with ZYGO Verifire 4" or 6" interferometer unit and Mx / MetroPro phase shifting fringe analysis _ PI500 B „tower only“ version for integrating existing interferometer units. Optionally with XONOX fringe analysis system X-fringe ST or X-fringe PS with X-phase PMR phase shifter.
DIMENSIONS (WxDxH) / WEIGHT	800 x 900 x 2200 mm when using touch screen for fringe analysis (additional space required if PC is used for fringe analysis, XONOX PC-table optionally available) / approx. 750kg
CONNECTIONS	110-240 V / 50-60 Hz, compressed air: 6 bar
COLOR	Light grey RAL 7035