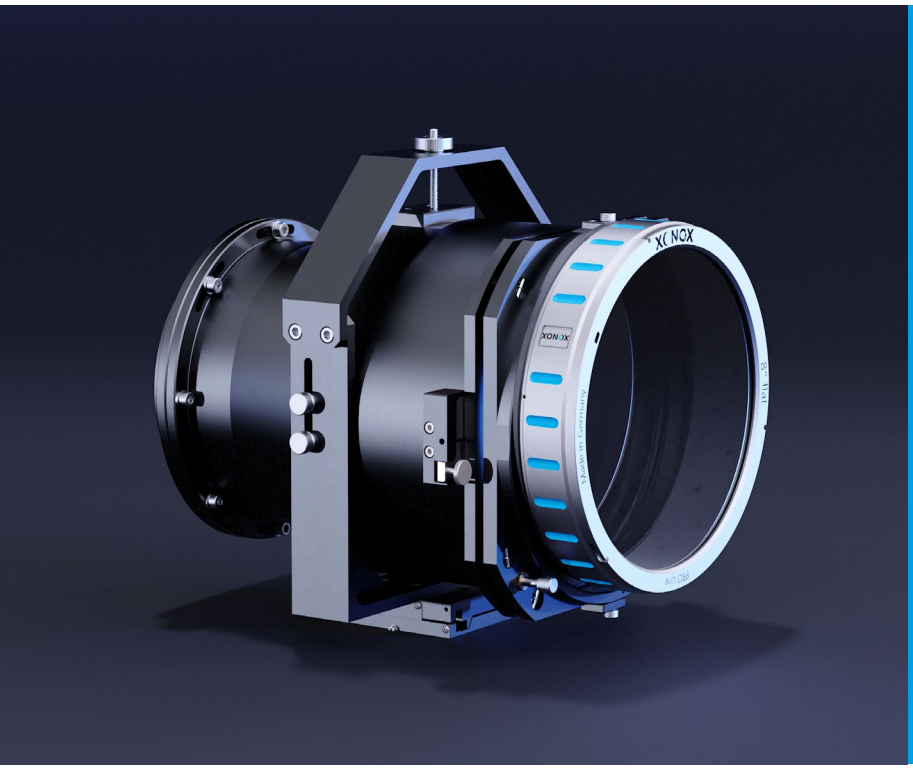
XONOX 6“-8“



8“ (203.2 MM) BEAM EXPANDER SYSTEM FOR USE ON 6“ INTERFEROMETERS PROVIDING EXTENDED MEASURING RANGE

_the XONOX 6“ - 8“ Beam Expander has been designed to be fully compatible with commercially available 6“ Fizeau interferometers

_the Beam Expander and matching 8“ Transmission Flat in λ/20 PVr quality are ideally suited for evaluating transmitted wavefront error or surface figure error of large aperture optics

_additional diffractive holograms or null lenses might be used to test large aperture optics of various shapes

_optional dedicated fixture to facilitate the usage of the Beam Expander and Transmission Flat in horizontal setups. The Fixture has been designed to support the weight of the assembly without restricting motion along the optical axis

_fine adjustment system for perfect setting to the systems optical axis

Version for horizontal use



Version for vertical use



203.2mm Transmission Flat



Beam Expander 6“ - 8“	
INPUT BEAM DIAMETER	6“ (152.4 mm)
INPUT MOUNTING	ZYGO compatible 6“ bayonet
OUTPUT BEAM DIAMETER	8“ (203.2 mm)
OUTPUT MOUNTING	XONOX 8“ bayonet
OVERALL LENGTH	364.2 mm
MECHANICAL DIAMETER	241 mm
WEIGHT	approx. 8 kg

8“ Transmission Flat	
APERTURE DIAMETER	8“ (203.2 mm)
MOUNTING	8“ XONOX bayonet
OUTPUT BEAM DIAMETER	8“ (203.2 mm)
HOUSING DIAMETER	236 mm
OVERALL LENGTH	65 mm (adds 45 mm when installed)
REF. SURFACE QUALITY	λ/20 PVr (@ 632.8 nm)
WEIGHT	approx. 5 kg

XONOX Technology GmbH
Kirchstrasse 9 // 35625 Hüttenberg // Germany
Phone +49 6441 96364-0 // Fax +49 6441 9636410
info@xonox-tec.com // www.xonox-tec.com

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