

The IBF-5 is designed for nanometer exact correction of smallest optical surfaces. This plant was developed to improve optical components in shortest time. Beside figure error correction the machine is also suitable for MSF roughness correction and aspherization of smallest samples. Multiprocessing of several optics is standard. Load lock optional.



TECHNICAL DATA

WORK PIECE DATA

Diameter:	<Ø1 mm – Ø5 mm (Ø0.04" – Ø0.2")
Thickness:	50 mm (2")
Weight:	max. 2kg (4.4 lbs)
Contact angle:	max. 72°
Shape:	plane, spherical, aspherical, freeform
Batch processing:	multiple work pieces on one carrier

AXIS SYSTEM

Type IBF 5:	X, Y, Z
Travel:	X = 200 mm Y = 260 mm Z = 25 mm

DIMENSIONS

Weight:	1300 kg (2866 lbs)
WxHxD:	1.2 m x 1.9 m x 1.4 m (47" x 75" x 55")
WxHxD (control desk):	1 m x 1.7 m x 0.9 m (40" x 67" x 36")
Footprint:	3,5 m x 2.5 m (118" x 98")

IBF5

