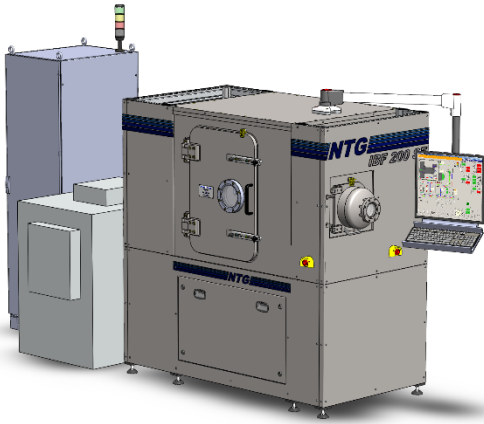


New

NTG

IBF 200 SE



Technical data:

Working range: Ø5mm–Ø200mm
Ø0.2 inches –Ø.75 inches
Ø300mm (12inches) for direct loading
Thickness: 100mm (4 inches)
Weight: max. 10kg (22 lb.)
Contact angle: max. 63°
Shape: concave, convex, plane
spherical, aspherical, freeform
Load lock system: for two substrates, continuous process

Number of axes:

Type: 200 SE X,Y,Z,A,B
Travel: X = 400mm
Y = 400mm
Z = 400mm



Dimensions:

Weight: 3,500kg (7700 lbs.)
Dimensions: (wxhxd) 1,42m x 2,46m x 4,34m
(56 x 97 x 171 inches)
Footprint: 5,8m x 3,4m
228 x 133 inches

Power supply:

Mains requirement: volt. 380V – 3 phases +N+PE
Mains requirement.: frequency 60 Hz
Current per phase max.: 32A
Power requirement: max. 22 kW / Average 7 kW

Utilities supply:

Nitrogen:
Pressure: 1 .. 3 bar g (15..45 psi)
Purity: 99,99 %
Argon:
Pressure: 0.7 .. 1bar g (10.5..15 psi)
Purity: min. 99.9990 % (5.0)
Compressed air:
Pressure: 4..10 bar g (60..150 psi)
Quality class to ISO 8573-1 2 4 1
Cooling water pressure: 5 .. 6 bar g (75 .. 90 psi)
Cooling water temp.: 20°C (68°F)
Cooling water temp.-stab.: +/- 0.5°C
Vacuum pumps exhaust pipe DN 40



The IBF-200SE was launched in 2016 and is especially designed for industrial use. This new developed plant is for nanometer exact correction of small to medium sized optical surfaces.

www.ntg.de