

TECHNICAL SPECIFICATION

FLEX – I 2000 SERIES

Dimensions LxWxH	2.25m x 1.98m x 2.96m (7.33ft x 6.50ft x 9.71ft)
Power Supply	240V (Single Phase 20A) *120V (Single Phase 16A) based on configured products
Inspection FOV Keyence IM-8000	Diameter 100mm (3.94") 200mm x 200mm (7.87" x 7.87") 300 mm x 200mm (11.81" x 7.87")
High Precision FOV	25mm x 25mm (0.98" x 0.98") 125mm x 125mm (4.92" x 4.92") 225mm x 125mm (8.86" x 4.92")
Resolution	Refer to Respective Keyence IM 8000 Series Datasheets (see below)
XY Stage Travel (Electric)	0 100mm x 100mm (3.94" x 3.94") 200mm x 100mm (7.87" x 3.94")
Z Stage Travel (Electric)	75mm (2.96")
Max Part Weight	5kg 5kg 7.5kg
Floor Mounting Required	Optional, machine leveling pads can support weight
Safety Guards	Keyence SZ-V Area Scanners Robot TCP Speed Limiting Frame Guards to prevent access Safety Gate to prevent robot motion when accessed

IM-8000 Series: 8005 8020 8030 These are the models available which affects the specification for inspection.