

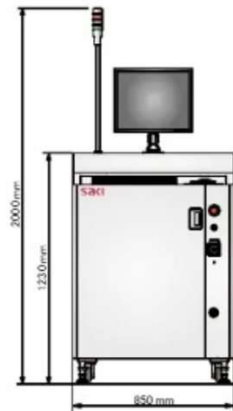


Tool Make & Model

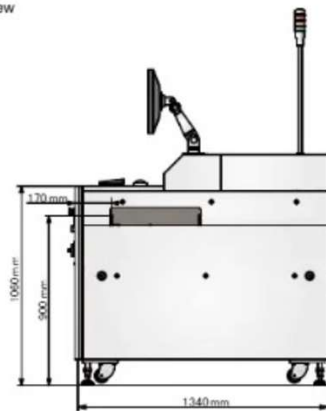
Tool Configuration / Specifications

Dimensions

■ Front View



■ Side View



System Specifications

Model	BF-Frontier II
Resolution	18 μ m
Board Size	50×60 - 460×500mm, 2×2.4 - 18×20in.
Board Thickness	0.6 - 3.2mm, 24 - 126mils
Board Warp	±/-2mm, 79mils
PCB Clearance	Top: 40mm, 1.57in. Bottom: 40mm, 1.57in.
Rotated Component Support	Available for 0 - 359° rotation (unit of 1°)
Inspection Categories	Presence/Absence, Misalignment, Tombstone, Reverse, Polarity, Bridge, Foreign material, Absence of solder, Insufficient solder, Lifted lead, Lifted Chip, and Fillet defect. Each defect name can be changed freely by system function.
Tact Time*1 *2	Approx. 21sec. (460×500mm)
Image Scanning Time*1	Approx. 10sec. (460×500mm)
Camera (Image Processing)	Line color CCD camera
Lighting	LED lighting system
Transfer Conveyor Method	Flat belt transfer
Transfer Conveyor Height	900±/-20mm, 36±/-0.8in
Transfer Conveyor Width Adjustment	Manual
Operating System	Windows XP English Version
Optional System	BF-Editor / BF-RP1 / BF-Monitor / BF-View
Optional	2D Barcode Recognition, Journal Printer, Automatic Transfer Conveyor Width Adjustment

*1 If PCB size is smaller than 460×500mm, image scanning time will be shorter than this values.
*2 Including Image Scanning Time.

Installation Specifications

Electric Power Requirement	Single Phase ~100 - 120V / 200 - 240V ±/-10%, 50/60Hz, 750VA
Air Requirement	0.5MPa, 5L/min (ANR), 73PSI, 0.18CFM
Usage Environment	15°C(59°F) - 30°C(86°F) / 15 - 80% RH (Non-condensing)
Noise Level	58.3dB
Dimensions W x D x H	850 × 1340 × 1230mm, 34 × 53 × 49in.
Weight	Approx. 450kg, 992lbs

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