

BAT Inkjet Cell

PRODUCTION
AUTOMATION



- High Speed In and Off-Line Inkjet Printing System
- Low-Cost In-Line Printing
- Modular Cell Structure for Easy Integration into PCB or Final Assembly Lines
- PCB or Carrier Transport
- Easy Configuration and Application Software



EXPERTS IN FACTORY AUTOMATION

BAT Inkjet Cell

Technical Specification	
PCB/Carrier Width:	50 - 510 mm (1.97 - 20.07")
PCB/Carrier Length:	50 - 460 mm (1.97 - 18.11")
PCB Ratio:	0.8 (Length >= 0.8 x Width)
PCB Thickness:	> 0.4 mm (0.015")
Top Side Clearance:	max. 170 mm (6.7") adjustable
Bottom Side Clearance:	25.4 mm (1")
PCB Edge Support:	2.5 - 5 mm (0.1 - 0.2") adjustable optional: carrier edge support up to 10 mm (0.4")
Product Weight:	PCB max. 2.5 kg (5.5 lbs) Carrier max. 5 kg (11 lbs) with Heavy Transport Option
Transport Height:	925 mm + 50 mm (36.4" + 2") (SMEMA)
Transport Direction:	L->R, R->L software selectable
Transport Speed:	0 - 800 mm/sec (0 - 31.5"/sec)
Product Exchange Time:	<4 sec
Positioning Repeatability:	0.04 mm (0.0015") - absolute encoded
Operating Software:	Windows™ NT
Network:	Ethernet
Energy Requirements:	3 x 400 V - 2.5 kVA, excluding application
Compressed Air:	6 bar - 20%, according to DIN ISO 8573 3.4.5
Color:	RAL 7037 / RAL 7035
Dimensions (L x D x H):	980 x 1,740 x 2,000 mm (39 x 69 x 79")
Weight:	350 kg (771 lbs) + Application
Standards:	CE Approved
Inkjet Specification	
Printer Model:	Imaje S7 Supra
Printer(s):	1 standard or 2 (optional)
Printing Speed:	up to 5.5 m/sec (21.6"/sec)
Character Height:	standard height: 1.8 - 8.5 mm (0.07 - 0.33") small characters: 1.2 - 5.3 mm (0.05 - 0.20")
Nominal Resolution:	2.8 dots/mm
Barcode Types:	Standard barcodes and 2D matrix codes
Options	
Programmable rotation	
Vision system	
Barcode / Dotcode Scanner	
Network interface to customer database	



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