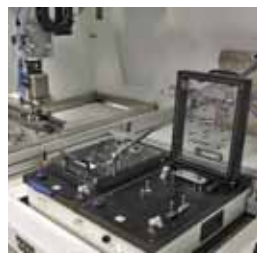


# MFT Bridge P&P Pick & Place Bridge Handler

TEST  
AUTOMATION



- Fully Automatic In-Line Handler
- Accepts Manual Vacuum Fixtures
- Fixture compatible with Off-Line and In-Line use
- Single Well or Dual Well Fixtures
- Suitable for All Manually Operated Test Stations
- Multifunctional Test Handling
- Easy Fixture Exchange

**OPTTE**  
EXPERTS IN FACTORY AUTOMATION

# MFT Bridge P&P Pick & Place Bridge Handler

PCB Specification	
PCB Width:	50 - 325 mm (1.9 - 12.8")
PCB Length:	50 - 260 mm (1.9 - 10.2")
PCB Thickness:	> 1 mm (> 0.04")
Height of Components (Top Side):	max. 75 mm (3")
Height of Components (Bottom Side):	max. 25.4 mm (1.0")
PCB Weight:	max. 2 kg
Gripper Specification	
Servo gripper:	50 - 150 mm / 150 - 260 mm
Number of Gripper Fingers:	4
Gripper Force:	max. 200 N
Gripper Repeatability:	0.05 mm (0.002")
Gripper Accuracy:	0.1 (0.004")
Fixture Specification	
Fixture Types:	Manual Fixtures with Vacuum Chamber Closing Mechanism
Outside Fixture Dimension (L x W):	max 100 x 60 cm (39.3 x 23.6")
Bed of Nails surface:	Horizontal
Gate Opening:	min. 90°
Tester Specification	
Teradyne	Z18xx, 885x, TS12x (LH)
Agilent	HP3070 Series
Aeroflex	44xx
DigitalTest	MTS10, MTS300
Technical Specification	
PCB Edge Support:	min. 2.0 mm (0.08") - max. 3.5 mm (0.14") adjustable
Transport Direction:	L -> R, R -> L
Transport Speed:	100 - 800 mm/sec (4 - 31.5"/sec)
Transport Height:	940 + 25 mm (37" + 1") (SMEMA)
PCB Exchange Time:	typical 11.5 seconds for PCB < 1.5 kg
Protection Screens:	ESD Safe
Energy Requirements:	3 x 400 V + N, 5 kVA
Compressed Air:	6 bar - 20%, according to DIN ISO 8573 3.4.5
Color:	RAL 7035
Dimensions (L x D x H):	2,400 x 1,200 x 1,910 mm (94.5 x 47.2 x 75.2")
Weight:	ca 1,000 kg (2,200 lbs)
Software:	Interface DLL
Standards:	CE Approved
Options	
Automatic width adjustment	
Interface for top or bottom tooling	



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