



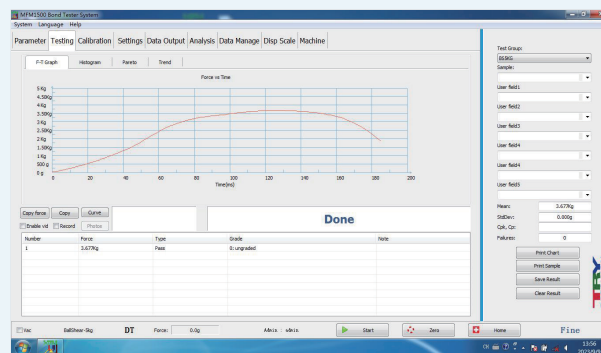
MFM1500

Excellent Performance Bond Tester

MFM1500 Bond Tester

Applications

MFM1500L is a high accuracy with Excellent performance bond tester in the industry , mainly used in Research Laboratory,High-accuracy required Department.MFM1500L is able to match the research application such as bonding strength test, combined strength test, material analysis, new material and new process development test; with industry-leading highly dynamic accuracy and repeatability accuracy.



Applications	Advanced packaging	Semiconductor packaging	Microelectronic assembly	SMT
	LED/Optical semiconductor packaging	Analysis in mechanics of material		
Test Module	Destructive Test(DT)		Non-destructive Test(NDT)	

Shear Test- Ball/Die

Transducer	Auto Range			
BS250G	250g	100g	50g	25g
BS1KG	1000g	500g	250g	100g
BS5KG	5kg	2.5kg	1kg	500g
BS20KG	20kg	10kg	4kg	2kg
DS100KG	100kg	50kg	20kg	10kg
DS200KG	200kg	100kg	40kg	20kg

Pull Test-Wire

Transducer	Auto Range			
WP25G	25g	10g	5g	2.5g
WP50G	50g	25g	10g	5g
WP100G	100g	50g	25g	10g
WP1000G	1000g	500g	250g	100g
WP5KG	5kg	2.5kg	1.25kg	500g
WP10KG	10kg	5kg	2.5kg	1kg

Push Test- Down/Pull

Transducer	Auto Range			
DP100G	100g	50g	25g	10g
DP5KG	5kg	2.5kg	1.25kg	500g
PP5KG	5kg	2.5kg	1.25kg	500g
PP10KG	10kg	5kg	2.5kg	1kg

Pull Test Tweezers/Cold Bump

Transducer	Auto Range			
TP100G	100g	50g	25g	10g
TP5KG	5kg	2.5kg	1.25kg	500g
CBP2.5kg	2.5kg	1kg	500g	250g
CBP5KG	5kg	2.5kg	1.25kg	500g

Specifications

Machine	Footprint	750mm x 800mm x 840mm		
	Weight	85Kg		
	Power Supply	110/220V AC @6A 50/60Hz		
	Pneumatic Supply	0.4MPa-0.6Mpa CDA		
	OS	Win10 64Bit		
Function	X/Y axis travel	200mm	Z axis accuracy	± 1um
	X/Y axis accuracy	± 5um	Z axis maximum speed	5mm/s
	X/Y axis maximum speed	2mm/s	Z axis maximum force	20kgf
	Y axis maximum force	200kgf	Sensor accuracy	± 0.05% FS
	Z axis travel	75mm	System accuracy	± 0.1% FS
XY Tables	200*200mm(standard)	Maximum shear Force:100kg(standard) 200kg(option)		
	235*235mm	Maximum shear Force:50kg(standard) 100kg(option)		
	320*320mm	Maximum shear Force:20kg(standard)		



Specifications subject to change without prior notice.
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RUIYIN(HK)Co.,Limited
www.try-precision.com

TEL:+86-755-26584556
FAX:+86-755-29500254