



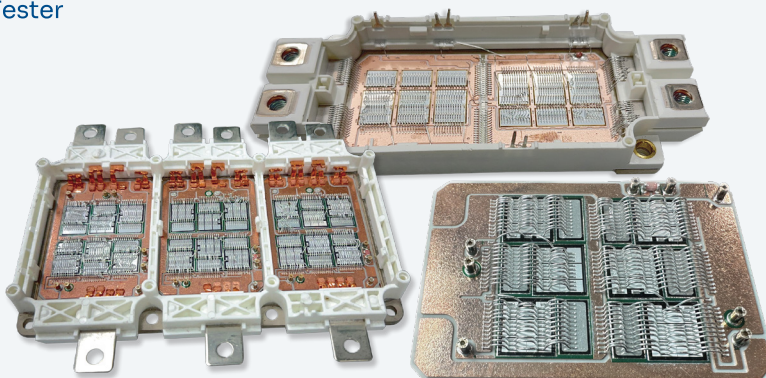
MFM1500HF

Heavy Shear Force Tester

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Application

MFM1500HF is heavy shear force tester with globally leading high-precision and highly stable, the main function is shear force testing. It is widely used in applications with over 200kg shear testing, such as Power Semiconductor, Automotive Electronic, Material Research, SMT, MOS, IGBT etc.



Test Module

VPM&DGFT&24Bit

Shear Test

Transducer	Auto Range			
DS100KG	100Kg	50Kg	25kg	10kg
DS200KG	200kg	100kg	50kg	25kg
DS500KG	500kg	250kg	100kg	50kg

Pull Test

Transducer	Auto Range			
WP5KG	5Kg	2.5Kg	1kg	500g
WP10KG	10kg	5kg	2.5kg	1kg
WP20KG	20kg	10kg	5kg	2kg

Tweezer Pull Test

Transducer	Auto Range			
TP5KG	5Kg	2.5Kg	1kg	500g
TP10KG	10kg	5kg	2.5kg	1kg
TP20KG	20kg	10kg	5kg	2kg

Down Push Test

Transducer	Auto Range			
DP5KG	5Kg	2.5Kg	1kg	500g
DP10KG	10kg	5kg	2.5kg	1kg
DP20KG	20kg	10kg	5kg	2kg

System accuracy: $\pm 0.25\%$ FS(Standard) 、 $\pm 0.1\%$ FS(Advanced)

Specifications

Equipment	Footprint	750mm x 800mm x 840mm
	Weight	85Kg
	Power Supply	110V AC 60Hz or 220V AC 50Hz, 10A
	Pneumatic Supply	0.4MPa-0.6Mpa
	OS	Win 10 64Bit
Function	X axis travel	150mm
	X axis accuracy	$\pm 15\mu\text{m}$
	X axis maximum speed	2mm/s
	Y axis travel	150mm
	Y axis accuracy	$\pm 15\mu\text{m}$
	Y axis maximum speed	2mm/s
	Y axis maximum force	500kgf
	Z axis travel	75mm
	Z axis accuracy	$\pm 10\mu\text{m}$
	Z axis accuracy over 2mm	$\pm 1\mu\text{m}$
	Z axis maximum speed	5mm/s
	Z axis maximum force	20kgf
	Sensor accuracy	$\pm 0.1\%$ FS/ $\pm 0.05\%$ FS
	System accuracy	$\pm 0.25\%$ FS/ $\pm 0.1\%$ FS

Support customized requirements,
please contact the sales department for confirmation.



Specifications subject to change without prior notice.
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