

KW-BFM-13**(椅子) 结构强度试验机
Chair Strength Tester**

电机联接丝杆，自动控制过程，
适合强度测试，一键完成测试；

**Technical:**

Field of application	ANSI/BIFMA X5.1-2011 5 Backrest Strength Test - Static - Type I	椅子靠背强度测试
	ANSI/BIFMA X5.1-2011 6 Backrest Strength Test - Static - Type II and III	
	ANSI/BIFMA X5.4-2005 5 Backrest Strength Test - Horizontal-Static	沙发靠背水平强度测试
	ANSI/BIFMA X5.4-2005 6 Backrest Strength Test - Vertical-Static	沙发靠背垂直强度测试
	ANSI/BIFMA X5.1-2011 13 Arm Strength Test - Vertical - Static	椅子扶手垂直强度测试
	ANSI/BIFMA X5.1-2011 14 Arm Strength Test - Horizontal - Static	椅子扶手水平强度测试
	ANSI/BIFMA X5.4-2005 9 Arm Strength Test - Horizontal - Static	沙发扶手水平强度测试
	ANSI/BIFMA X5.4-2005 17 Leg Strength Test - Front and Side Application	沙发腿前向/侧向强度测试
	ANSI/BIFMA X5.1-2011 18 Leg strength Test - Front and Side Application	椅子腿前向/侧向加载强度测试
	EN 1728:2001 6.5 Arm and wing sideways static load test	椅子扶手侧向静态载荷测试
	BS EN 1335-3:2009 7.2.5 Arm rest sideways static load test	扶手侧向静态载荷测试
EN 1728:2001 6.13 Leg sideways static load test	椅腿侧向静态载荷测试	

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Structure characteristics	1 Aluminum structure, stainless steel test platform.				
	2 Through change the position of Pulley to change out-force direction of air cylinder.				
	3.Through manually adjusting the position of the vertical pulley, can be realized in different height levels of force direction;				
	4.Mobile split control.ensure safety of operator.				
	5.Digital set test force value and maintain time, a key to complete the entire test process				
	6.Assemble 4 pcs Caster, Easy to move.				
Parameter	1.More than 150kg out-force, maximum tension 600mm traveling				
	2.Maximum time delay 999 seconds.				
	3.Tension sensor rated range of 500 kg				
	4.Horizontal pulleys adjustable tension angle of 0-45 degrees				
	5.The vertical pulley adjustable height of 0-800 mm;				
Control System	1.Motor provide the loading				
	2.PLC program control test action				
	3.Force display can value set HI,LOW,GO and output, simple automatic control				
	4.The tension sensor display actual test force				
Main parts	Part Name	Function	Mode No	Brand	Origin
	Motor	Provide the loading	120W	东方	Taizhou
	Tension sensor	Detected force	500Kgf	中航电测	Hanzhong
	Force display	Display and control force	Not provide	深蓝	Shenzhen
	Timer	Control time	Not provide	欧姆龙	Shanghai
	PLC	Control circuit	No	Kingwells	Dongguan
Power	220VAC 0.5A				
Gas source	AP: $\geq 0.5\text{MPa}$; FR: $\geq 800\text{L/min}$, filtering water, drying treatment.				
Main Size	L: 1980mm W: 1200mm H: 2500mm				
Standard accessories (Attach)	1 Back plate 2PCS/1SET;				
	2 Ribbon: 38mm width, 3m Length, the max hold weight 3000kg.;				
	3.Arm Load Device for BIFMA 1PCS				
	4.Round Type of Fixture for Hold Chair Base and fasten screw 1 set				
	5 L style Baffle plate 1PCS				

**Kingwells**

东莞市锦辉试验设备制造厂

Kingwells Test Equipment Mfg., Ltd.

地址: 广东省东莞市南城区白马方屋丞村1巷1号

电话: 86-769-22906718 传真: 86-769-22909619

Web: www.kingwells.com

E-Mail: info@kingwells.com