

Computerized Universal Testing Machines

MODEL NO.	KIC-1-XXX-C	KIC-2-XXX-C	KIC-2-XXXX-C
Maximum Capacity Options	10N, 50 N, 100N, 250N, 500 N, 1000N	2.5KN, 5 KN, 10KN, 20 KN, 30 KN	50 KN, 75 KN, 100 KN
Load Cells available	Up to 16	Up to 16	Up to 16
Ball Screw Arrangement	Single Ball Screw with bellows	Double Ball Screw with bellows	Double Ball Screw with bellows
Mounting	Table Mount	Free Stand	Free Stand
Load Resolution	0.01%	0.01%	0.01%
Load Accuracy	+/-0.5% of Reading		
Length Resolution	For Crosshead Travel 0.01mm		
Length Accuracy	0.1mm		
Cross head Speed	Up to 1000mm/Min	Up to 1000mm/Min	Up to 100mm/Min
Cross head Speed Resolution	Min. up to 0.01mm		
Cross head Travel mm	350/500/800/1000	500/800/1000	500/800
Min. Distance between Grips	0 mm	0 mm	0 mm
Side Clearance	Unlimited	At Least 400 mm	At least 400 mm
Front to back clearance	80 mm	Unlimited	Unlimited
Actuator Drive	Digital AC Servo Drive with Servo Motor		
Control Mechanism	Computerized Controller based with dedicated software, Add on cards, for control in both Auto & Manual mode		
PC Configuration	Pentium IV 2.6 GHz, with 52X CD-R/RW, 256MB RAM, 40GB HDD. Mouse, Keyboard, 1 SERIAL COM port, 2 USB ports, 1 printer port, with WINDOWS XP professional preloaded		
Grips & Fixtures	Mechanical/Pneumatic Wedge Grips, Screw Type Grip, Eccentric Roller, Compression Plates, 3 point bending fixture, Peel test 90/180 Degree Fixture, Lateral Nail Withdrawal fixture, Fixtures for Flexural test, Shear Test, Adhesion/Bonding Strength etc.		
Optional Accessories	Extensometers, Additional Load Cells, Hot Air circulation Chamber.		
Units	Metric, Imperial & SI User Programmable		
Power Supply	220 Vac, 50 Hz, 500 VA	220 Vac, 50 Hz, 1500 VA	220 Vac, 50 Hz, 1500 VA
Size	1250 (H) x 550 (W) x 450 (D)	1750(H) X650 (W) X550 (D) mm	1800(H) X750 (W) X550 (D) mm