

CT Range

PC Controlled Universal Strength Testers



M250-2.5CT



M250-3CT



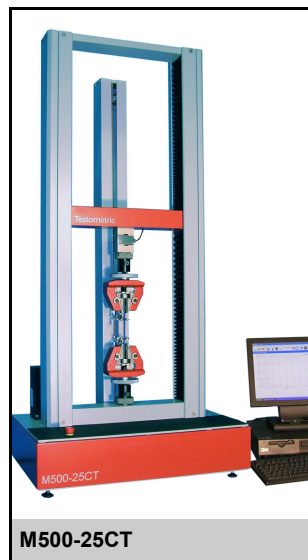
M350-5CT



M350-10CT



M350-20CT



M500-25CT



M500-30CT



M500-50CT



M500-100CT



FS100CT



FS150CT



FS300CT

Machine Specifications

Models CT	M250-2.5	M250-3	M350-5	M350-10	M350-20	M500-25	M500-30	M500-50	M500-100	FS100	FS150	FS300
Range kN	2.5	3	5	10	20	25	30	50	100	100	150	300
Accuracy	+/- 0.5% of reading down to 1/1000th of load cell capacity.											
Vertical space mm	1170	1170	1275	1275	1275	1240	1240	1180	1300	1200	1200	1600
Crosshead travel/resolution mm	1000 by 0.001	1000 by 0.001	1100 by 0.001	1100 by 0.001	1100 by 0.001	1050 by 0.001	1050 by 0.001	980 by 0.001	1059 by 0.001	900 by 0.001	900 by 0.001	1300 by 0.001
Throat mm	200dia	200dia	295	295	295	420	420	420	420	480	480	600
Frame stiffness kN/mm	5	5	50	50	50	100	100	200	400	500	500	900
Speed range mm/min	0.001 to 1000	0.001 to 1000	0.001 to 2000	0.001 to 1000	0.001 to 500	0.001 to 1000	0.001 to 1000	0.001 to 1000	0.001 to 500	0.001 to 1000	0.001 to 600	0.001 to 600
Speed accuracy	+/- 0.1% under stable conditions.											
Crosshead guidance	Linear slides integral within column									50mm Dia precision ground guide pillars.		
Max force at full speed kN	2.5	3	5	10	20	25	30	50	100	105	150	300
Max speed at full load mm/min	1000	1000	2000	1000	500	1000	1000	600	500	1000	600	600
Data sampling rate	Maximum 12kHz with up to 200Hz data frames.											
Overall width mm	590	590	590	590	590	762	762	762	762	900	900	1100
Overall depth mm	450	450	450	450	450	505	505	505	505	625	625	750
Overall height mm	1475	1475	1575	1575	1575	1585	1585	1585	1585	2350	2350	2950
Weight kg	82	82	146	178	180	186	188	235	376	940	975	1840
Electrical supply	Dual input selectable 115 or 230V 1ph 50/60Hz.					Universal input. (de-rate max speed at 115V)				380/400V 3ph		
Operating temp degree C	-10 to +40											
Operating humidity	+10 to +90% non-condensing											
Machine Configuration	Table top, base cabinet available									Floor standing		
Number of Columns	1	1	2	2	2	2	2	2	2	2	2	2
Available load cells	5N, 10N, 20N, 100N, 250N, 500N 1kN, 2.5kN, 3kN, 5kN, 10kN, 20kN, 25kN, 30kN, 50kN, 100kN, 125kN, 150kN, 200kN, 300kN. Maximum of four load cells up to capacity of machine.											
Spigot dia mm	20	20	20	20	20	20	20	30	40	45	50	80
Power kW	0.3	0.3	0.45	0.45	0.45	1	1	1	1.2	2.2	2.2	4.5

The models listed above conform to all international standards of accuracy including EN10002.2, DIN 51221, ASTM E4, AFNOR A03-501, JIS B7721 and JIS B7733. They also conform to all European and other safety standards and carry a CE mark with NAMAS certification.

Machines with extended frame height and wide throat versions are also available.

All machines are manufactured in the UK by Testometric which is an ISO 9001 registered company.

Notes

- 1 Vertical test space is the distance between the top surface of the bottom crosshead and the underside of the moving crosshead in its uppermost position.
- 2 The width measurement does not include display unit or printer.
- 3 The above specifications are general reference and are subject to change without notice.
- 4 Testometric and winTest are registered trade marks of The Testometric Company Limited.
- 5 Crosshead travel is excluding grips.