

Tensile Testing Machine



Computerized version



Digital Mode also available

- ASI TENSILE TESTERS are electrically operated machines for testing tensile strength and elongation of materials like plywood, wires, cables, conductors, ferrous and non-ferrous materials.
- ASI Brand Tensile Testers are manufactured in various capacities and tests can be conducted on these machines by simply incorporating appropriate traverse speeds and using suitable grips in conformity with the adopted BIS, BS, ASTM, DIN & ISO standards.
- ASI Brand Tensile Testers are quite capable of conducting Compression and Bending tests apart from performing Tensile and Elongation tests.
- ASI Brand Tensile Testers are manufactured in different capacities upto 10,000 Kgf. in our 'ASI-AMT-2 Series' ensuring + 1% accuracy in the test results.
- ASI Brand Tensile Testers are extra elegant, best quality, durable and accurate with matchless perfection.
- ASI Tensile Testers are also offered on specific requirements with load graduation in Kilograms. Newton Electronic μ Based & computerized Tensile Testers can also be manufactured on specific requirements. Besides a wide range of accessories depending upon the individual requirements, for the tests involved, of the users and a prompt and reliable after-sales service facilities are also available with ASI.

Technical Data

MODEL	UNIT	AMT-2a	AMT-2ae	AMT-2b	AMT-2be	AMT-2C	AMT-2CE	AMT-2d	AMT-2be	AMT-2e	AMT-2eE	AMT-2F	AMT-2FE
Cap.	N	2500		5000		10000		25000		50000		100000	
Ranges		0-500N×0.01	5N	0-1000×0.2N	5N	0-10000×0.2	10N	0-25000N×50N	20N	0-50000N×50N	20N	0-100000N×200N	50N
		0-1000N×0.01		0-2500×0.2N		0-5000×0.1		0-10000N×2N		0-10000N×20N		0-50000N×100N	
		0-2500N×0.05		0-5000×0.10N		0-2500×0.05		0-5000N×1N		0-5000N×10N		0-25000N×50N	

Traverse Speed per specification (mm/min) or as	300 and 100	100	100	100	100	100	100	100	100	100	100	25 AND 12.5
Grip Separation												
Minimum	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm
Maximum	1000 mm	1000mm	1000mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	600 mm
Power Requirement	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 ph 440 V 50 Hz AC	3 p 440 V 50 Hz AC
Over-travel Safety Switches	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included

Digital & Computerized machine are also available.

Due to constant R & D, specification and features are subject to change without notice.