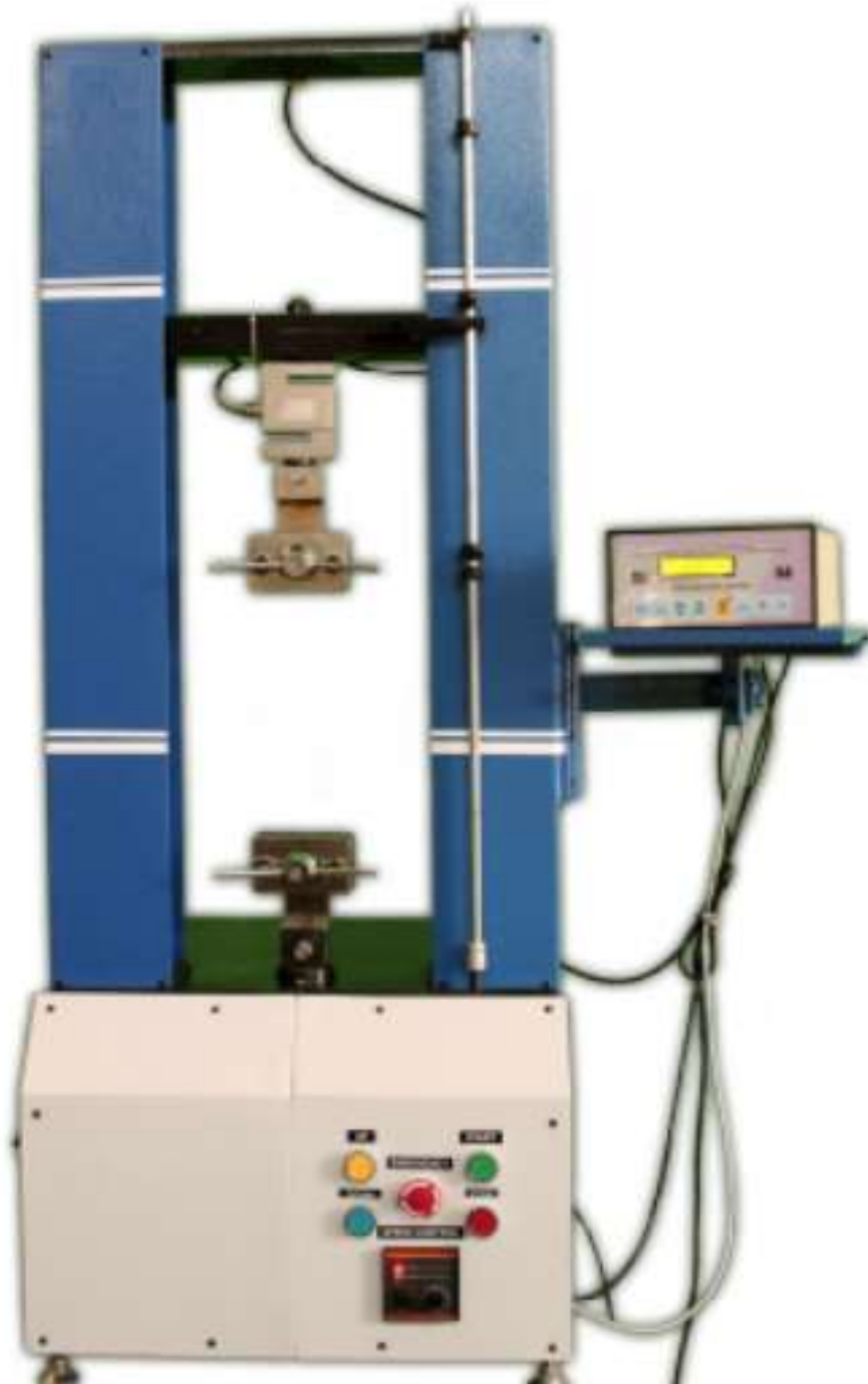


TENSILE TESTING MACHINE DIGITAL



These models are suitable for testing metals and iron, Plastics, Rubber, Ceramics, Fabrics, Composites, Cables and wires. Load is measured through a strain gauge-based Load Cell and elongation is through a rotary encoder. Depending upon the customer's requirement a suitable type of grips are available. The extra Load cell can be offered as suitable for low-load samples.

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TECHNICAL SPECIFICATIONS

Max. Capacity	2500N	5000N	10kN	25kN	50kN
Measuring range	0-2500N	0-5000N	0-10kN	0-25kN	0-50kN
Ranges Least Counts	0.125N	0.25N	0.5N	1.25N	2.5N
Elongation Scale L.C.	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm
Grip separation without Grip :Min Max		25mm 750mm		25mm 600mm	
Variable speed Drive step less variation		5to300mm/min			
H.P.(for standard speed)		1Hp	2hp		
Supply		3Phase, 415Volts, 50HzAC			
Over travel safety		Provided with each model			

CONTROL PANEL FEATURES: -

- Full-fledged sealed membrane alphanumeric keyboard for data entry 16 x 2 Lines LCD Graphics display with backlit for displaying Load and Elongation of crosshead with bigger font size.
- Load indicated with the resolution of 0.01% of machine capacity for the entire range.
- Elongation is measured with a resolution of 0.01 mm.
- Auto detection of overload and over travel and specimen break. On detection of any condition electrical motor is automatically turned off.
- Tare load and Reset Elongation facility to display Peak Load and Elongation at Peak, Load at break, Elongation at break
- RS232C interface for computer connectivity