

Small Universal Test Machine

Petite Machine Universale d'Essais

Kleine Universale Testmaschine

SUT 20...5000 N, Basic version



Compression

Paper & Foil

Bending

Pipe & Tube

Shear

Plastic & Rubber

Tear

Spring & Bellow

Tensile

Textile

Quality Assurance and Process Control

SUT, the small universal compression/tension tester offers a unique solution for small scale testing, where limited force is required for tension and compression testing. It is ideally suited to quality assurance and process control as well as research and development. The machine is equipped with special grips and compression plates, according to the type of specimens that are to be tested. Exchanging the grips for different types of testing is very simple.. The standard maximum stroke length is 520mm, but it depends slightly on the products tested and the grips required for the specific type of testing.

It is capable of performing a range of testing procedures and can be set up for relevant international or national standards. The various testing procedures can easily be set up by using the keyboard situated on the machine. In the display the actual measurements of load/deformation can be followed while testing a specimen. The load/deformation is displayed in Newton. When the maximum load has been found it is indicated in the display, together with the corresponding deformation. Furthermore, the fracture load and deformation can be displayed.



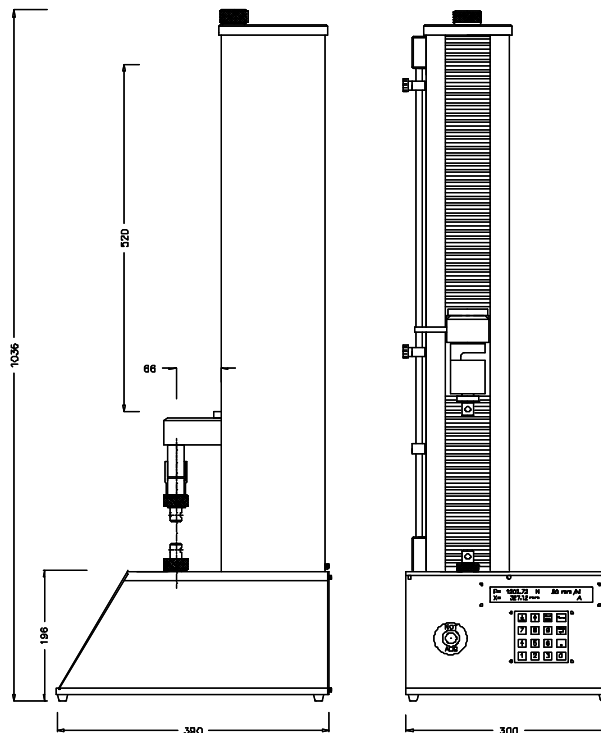
QUALITY ASSURANCE

Specification

MODEL	SUT 20..5000 N		
	Short	Standard	Long
Max loading stroke length mm	325	520	1000
Max Loading-cell-force / resolution	±5000 N - resolution better than 200 000 divisions		
Loading speed control	Servo controlled travelling speed.		
Loading speed-range	1-500 mm/min as standard		
Deformation measuring resolution	0.01 mm as standard		
Supply voltage	220/240 V or 110/120 V, 50-60 Hz		
Approx. weight (including control system)	40 kg		
Computer control system	The machine can operate on its own - without any connection to a PC. The machine can also be supplied in a Professional Version where the advanced Tram-QA software makes almost any testing and reporting fully automatic. - refer the separate Tram-QA brochure.		

Specifications are subject to change without notice.

Please contact TRAM or your local distributor for additional information.



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