限りある資源と美しい自然を大切に

SERIES TS-1560

SHOPPER TYPE TENSILE STRENGTH TESTER

Outline

It is the oldest tensile testing machine used in a wide range of fields such as rubber, plastics, and electric wires, and is known as the Schopper type or pendulum type.
As the lead screw rotates, the lower chuck moves and pulls the sample, and at the same time the load acts as a force to swing the pendulum via the upper chuck, and the pointer indicates the load value engraved on the bow-shaped scale plate.
When the load reaches the maximum value, the pendulum is stopped at that position by a ratchet, and the maximum load (usually the breaking load) can be read.

MODEL TS-1560

QMS.EMS
JIS Q 9001, JSAQ1320
JIS Q 14001, JSAE1529
MS
CM001

株式會社 上島製作所
UESHIMA SEISAKUSHO CO.,LTD

Features

- O You can choose from three models with different maximum loads.
- O A wide variety of chucks are available, including those for tensile testing of rubber, films, plastics, electric wires, cables, cords, etc., and for peeling off printed circuit boards, etc.
- O The crosshead and lead screw engage with each other with a half nut, so you can manually return the crosshead to its home position after the sample breaks.
  It can be done very quickly.
- O For safety, it is equipped with a lead screw protection cover.
- O It is easy to operate so that anyone can perform tests and is highly durable to maintain accuracy over a long period of time.
- O Tests based on JIS K 6251 (Tensile test method for vulcanized rubber) and JIS K 6252 (Tear test method for vulcanized rubber) are possible.

Specifications

MODEL	TS-1561	TS-1562	TS-1563
Load Capacity	0 to 300N, 0 to 1kN 2 step scale (1 scale 2N, 5N)	0 to 200N, 0 to 500N 2 step scale (1 scale 1N, 2N)	0 to 100N, 0 to 300N 2 step scale (1 scale 0.5N, 2N)
Stroke	Max. 780mm between chucks (depending on chuck type)		
Tensile Speed	17 to 1333mm／min		
Power supply	AC100V ， 930VA ， 50／60Hz		
External dimensions	Approx. 850(W)×450(D)×1830(H)mm		
Weight	Approx. 180kg		
Standard accessories	1 power cable, 1 set of chuck		
Option	Elongation measurement measure		

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