

TP-701-C Heat Seal Tester



Overview

Nowadays, plastic composite flexible packaging materials are supplied by various manufacturers depending on the contents. When the contents are sealed at the final stage, there are different thermo-compression methods to obtain a highly accurate seal, among which heat sealing is the most commonly used. Heat seal strength is a very important index, as its measurement method is specified in JIS.

This machine allows the user to optionally set the temperature, pressure, and time that are the three main factors involved in heat sealing features, and to create samples necessary for prototyping, designing, quality control, and assurance of packaging materials.

The TP-701-B, which was a long-selling model that earned tremendous support both in Japan and overseas for its usability, reliability, and durable design, has been successfully downsized and lightened without changing its main structure. The TP-701-C has also been enhanced with a variety of safety measures (option) and has achieved further development. In addition to flexible packaging materials, it is also widely used for polymer battery exterior welding tests and heat and pressure resistance tests for films, inks, and adhesives.

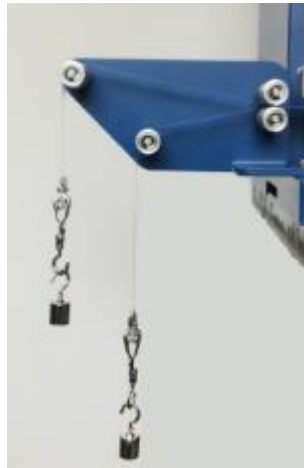


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Specification

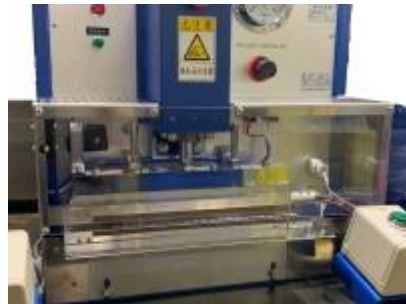
Temp. range max	300°C , PID control (upper and lower heat seal bar)
Pressure(Load)	Air supply max 0.5MPa (1kN)
Sealing time	0.1sec~max 9990h
Heat Seal bar	W 10 mm×L 300 mm
Ref. standard	JIS Z 0238 , JIS Z 1514 , JIS Z 1707
Power supply	AC100V
Dimensions	W 47×D 43×H 66 cm approx.
Options	Heat seal/Impulse seal (TP-701-I) Hot tack measuring jig (TP-704) Special type seal bar (width, material, shape, surface change) Impulse type, Both hands push start button, Safety cover, etc.



Hot tack measuring jig



Both hands push start button



Safety cover



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