

Hung Ta™ Model HT9102 Material Testing System, 100—1000 kgf



The Model HT9102 Material Testing System is a computer controlled electro—mechanical tester designed with state—of—the—art technology for testing and studying the physical properties and mechanical behavior of a wide range of materials such as polymers and elastomers.

The Model HT9102 Material Testing System twin column design offers excellent versatility and flexibility with enhanced performance and high precision and is well suited for tensile, compression and bending tests.

Hung Ta™ Model HT9102: System Features

- Strain rate control of 0.5—500 mm/min;
- Accuracy: 1/1000;
- Optional HI—LO ratio control system;
- Continuous loading function;
- True strain rate control;
- Auto—Stop function;
- Optional Auto—Range control function;
- Selectable six step loading: 1, 2, 5, 10, 20 or 50;
- Overload and NFB protection;
- Accuracy $\pm 1\%$ throughout full range;
- Optional constant stroke, load and delay control;
- Optional 2 point extensometer interface for strain measurement;
- Optional uniform accelerating stress control;
- Optional uniform accelerating strain control.

Hung Ta™ Model HT9102: Control System Features

- IBM compatible computer, color monitor, 24 pin dot matrix printer;
- Real time display of test curves and data analysis;
- User defined test parameters;
- Optional XBAR—R chart and SQC graphs;
- Optional auto-off function;
- Optional software password protection;
- Measurement unit switching function (kg \leftrightarrow lb, etc.);
- Optional data analysis software for various functions.

Hung Ta™ Model HT9102: Grips and Clamps

A wide range of grips and clamps are available:

- Wedge types for flat and round specimens;
- Vise types;
- Single strand (conductor);
- Pneumatic types;
- Compression plates;
- Bending fixtures;
- Shearing types.

Hung Ta™ Model HT9102: Specifications

Model:	100	200	500	1000
Capacity:	100 kgf	200 kgf	500 kgf	1000 kgf
Maximum Speed:	500 mm/min			
Minimum speed:	0.5 mm/min			
Maximum Force @ full speed:	100 kgf	200 kgf	500 kgf	1000 kgf
Maximum Speed @ full force:	500 mm/min			
Return Speed:	500 mm/min			
Crosshead Travel:	1184 mm			
Column Space:	290 mm			
Height	1820 mm			
Width:	760 mm			
Depth:	530 mm			
Weight:	165 kg			
Power:	110/220/240 VAC, 1 PH, 50/60 Hz			
List Price:	Please Submit a Request for Quotation (RFQ)			

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