

Hung Ta™ Model HT9103 Material Testing System, 2000–20000 kgf



The Model HT9103 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 HT9103 Material Testing System floor standing, 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 HT9103: 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 an delay control;
- Optional 2 point extensometer interface for strain measurement;
- Optional uniform accelerating stress control;
- Optional uniform accelerating strain control.

Hung Ta™ Model HT9103: 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 HT9103: 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 HT9103: Specifications

Model:	2000	5000	10000	20000
Capacity:	2000 kgf	5000 kgf	10000 kgf	20000 kgf
Maximum Speed:	500 mm/min			200 mm/min
Minimum speed:	0.5 mm/min			
Optional Minimum speed:	0.05 mm/min			
Maximum Force @ full speed:	1000 kgf	2000 kgf	2000 kgf	5000 kgf
Maximum Speed @ full force:	100 mm/min		50 mm/min	
Return Speed:	500 mm/min			200 mm/min
Crosshead Travel:	1170 mm	1220 mm	1133 mm	1326 mm
Column Space:	560 mm			720 mm
Height	1593 mm	1821 mm	2260 mm	2370 mm
Width:	905 mm	1225 mm	1300 mm	1475 mm
Depth:	700 mm	650 mm	580 mm	650 mm
Weight:	182 kg	288 kg	500 kg	1150 kg
Power:	110/220/240 VAC, 1 PH, 50/60 Hz			
List Price:	Please Submit a Request for Quotation (RFQ)			

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