



The Model HT9101 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 HT9101 Material Testing System bench top, single 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 HT9101: 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 HT9101: 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 HT9101: 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 HT9101: Specifications

Model:	10	20	50	100	200	500
Capacity:	10 kgf	20 kgf	50 kgf	100 kgf	200 kgf	500 kgf
Maximum Speed:	508 mm/min		500 mm/min			
Minimum speed:	0.5 mm/min					
Maximum Force @ full speed:	10 kgf	20 kgf	50 kgf	100 kgf	200 kgf	500 kgf
Maximum Speed @ full force:	500 mm/min					
Return Speed:	508 mm/min			500 mm/min		
Crosshead Travel:	1216 mm			1184 mm		
Height	1820 mm					
Width:	550 mm			760 mm		
Depth:	410 mm			530 mm		
Weight:	105 kg			165 kg		
Power:	110/220/240 VAC, 1 PH, 50/60 Hz					
List Price:	<a href="#">Please Submit a Request for Quotation (RFQ)</a>					

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