

## Hung Ta™ Model HT9112 Tensile Testing Machine



The Model HT9112 Tensile Testing Machine is a microprocessor 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 HT9112 single column design offers excellent versatility and flexibility with enhanced performance and high precision.

### Hung Ta™ Model HT9112: System Features

- Advanced drive system with a wide speed range;
- Load cell interchangeability & automatic selection of load scale and units;
- Microprocessor based system for data acquisition, storage, retrieval and display;
- Infinitely variable or incremental speed selection;
- Integral crosshead safety interlocks;
- A wide range of load cells, grips & accessories;
- Suitable for R&D, education, QC/QA and production control applications.

### Hung Ta™ Model HT9112: Control System Features

- Panel mounted user controls;
- LCD digital display of load, extension displacement data in real time;
- Printer port for printing of data;
- Optional extensometers;
- Storage of critical test data such as peak load, displacement at pre-load & maximum displacement;
- Console selection of compression, tension or cyclic test types;
- End of test crosshead position selector: "stop" or "return".

### Hung Ta™ Model HT9112: 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 HT9112: Specifications

Loading:	Precision Constant Strain DC Motor
Capacity (full scale):	500 kgf
Load Cell Selection:	10, 20, 50, 100, 200 or 500 kgf
Load Amplification:	1, 5, 10, 50
Measurement Accuracy:	± 0.5% of indicated load
Control device:	DC Motor
Display:	Digital LCD (9635a)
Extensometer:	HT8160 Optional
Crosshead Travel:	1216 mm
Crosshead Speed:	50 - 500 mm/min
Return Speed:	500 mm/min
Power:	230 VAC, 50/60 Hz, 1 PH
Dimensions (L x W x H):	385 x 550 x 1585 mm
Standard Grips:	Tensile Grips (Pneumatic Types Optional)
List Price:	<a href="#">Please Submit a Request for Quotation (RFQ)</a>

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