

Hung Ta™ Model HT8311C Tensile Tester: Description



The Model HT8311C 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 HT8311C single column design offers excellent versatility and flexibility with enhanced performance and high precision.

This economical Tensile Tester is suitable for education and teaching environments as well as production control applications.

The Model HT8311C Basic Unit Features:

- Advanced drive system with a wide speed range;
- Load cell interchangeability and automatic selection of load scale and units;
- Microprocessor based system for data acquisition, storage, retrieval and display;
- Incremental speed selection;
- Integral crosshead safety interlocks.

The Model HT8311C also features:

- Optional accessories:
 - Extensometers,
 - Digital force indicators.
- A wide range of optional grips:
 - Please visit the [Grips & Fixtures](#) pages for details.

The Model HT8311C Control System Features:

- LCD digital display of load, extension displacement data in real time;
- 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 HT8311C Tensile Tester: Specifications

Capacity (full scale):	500 kgf
Load Cell Selection:	10, 20, 50, 100, 200 or 500 kgf
Load Amplification:	1x ,2x, 5x ,10x, Auto range
Load Resolution:	1/20,000
Measurement Accuracy:	± 0.5% of indicated load
Control device:	AC Motor
Display:	Digital LCD HT9535SA (HT8335PD optional)
Extensometer:	Manual, graduated rule (HT8160 optional)
Crosshead Travel:	1200 mm (less grips)
Crosshead Speed:	200/300/500 or 100/200/300 mm/min
Power:	110 VAC, 50/60 Hz, 3 Amp, 1 PH
Dimensions (LxWxH):	550 x 450 x 1600 mm
Net Weight:	95 kg
Standard Grips:	Tensile Grips (Pneumatic Types Optional)
List Price:	Please Submit a Request for Quotation (RFQ)

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