

Electro-Hydraulic Servo Universal Testing Machine

Hung Ta Instrument | Model: HT-2101

Versatile hydraulic testing for metals, polymers, and construction materials.



PRODUCT OVERVIEW

With wide range of function and application, suitable for research, inspection, and testing in the field of metal, rubber, plastic, leather, cable and wire, textile, fiber, paper, PE, construction materials, electric appliance, petrochemical, transportation, automobile, package, polymer, aerospace and more. FDC55 high strength casting material with driving screws and high stiffness axle materials for strong structure, high stability, and long durability. High accuracy loadcell with accuracy of load reaching $\pm 0.005\%$, force accuracy reaches ± 0.5 class. Standardized jaw holder specification for economic, convenient, and speedy replacement. Multi-purpose application test program for tensile, compression, shear, peeling, and displacement measurement.

Category
Universal Testing Machine

KEY FEATURES / SPECIFICATIONS

Capacity	300 ~ 2,000 kN	Load Accuracy	Class 1 $\pm 1\%$ (optional Class 0.5 $\pm 0.5\%$)
Force Resolution	1/200,000 (Hung Ta Interface Card)	Drive System	Electro-hydraulic servo
Tests	Tensile, compression, bending, shear, peeling	Loading Speed	≈ 100 max. (60 Hz)
Crosshead Speed	150 ~ 300 mm/min	Optional	Bending fixture, compression, extensometer, wire-rope jig, furnace

TYPICAL APPLICATIONS

Metal manufacturers • Construction materials • R&D laboratories • Automotive • Petrochemical

REFERENCED STANDARDS

ASTM E4 | ASTM E8-04 | ISO 7500-1-2004 | ISO 6892-1 | GB/T 228-2010 | DIN 5122 | JIS B7721

CONFIGURATION & QUOTATION

Tell us the sample material, dimensions, required test method, standard and capacity. We will check the suitable machine, fixture and configuration before quotation.

Product image is for identification. Confirm exact model configuration and supplied accessories before order.