

Universal Testing Machine

Model: NRI-CPT- xx

Application

- The series economy testing system for tension and compression applications where loads less than 50kN.
- >Designed with strong linear motion guide and servo motor.
- >Increased lateral stiffness to ensure linear crosshead travel.
- >Servo motor equipped with precise planet-gear speed reducer providing higher efficiency and low noise.
- >Wide range of test accessories allows to meet test requirements of different standards and for different materials.
- >This series is suitable to test: plastics, wires, bars, biomaterials, adhesive materials, etc...

Standards:

ASTM A370, ASTM E4, ASTM E8, ASTM E9, ISO 6892, ISO 7438, ISO 7500-1, EN 10002-4, GB/T 228-2002, HG/T 3844-2008, QBT 11130-1991, GB 13-22-1991, HG/T 3849-2008, GB 6349-1986, GB/T 1040.2-2006, ASTM C165, EN 826,



Model	NRI-CPT500-10	NRI-CPT500-20	NRI-CPT500-50
Max. Capacity	10 kN	20 kN	50 kN
Measuring system	Conforms to JIS B7721, ISO 7500-1, BS1610, DIN 51221 Class 0.5, and ASTM E4 Grade 0.5		
Test speed (mm/min)	0.001 ~ 100		
Speed precision	±0.1%		
Force measurement	Load cell 2±0.1% mV/V		
Position	Optical encoder		
Crosshead position precision	Within ±0.1% of indicated value		
Range of crosshead motion	Normal : 300 mm		
Control system	Computer control & Software : Click Start , Auto End & Return system		
Data sampling rate	84 kHz		
Power supply(Volt)	220-230 VAC : 50 Hz		
Smart Controller	Attached on right side of main unit - detachable		



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