

Universal Testing Machine Model: NRI-TS500 - xx

Application

- The series double column 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-TS500-5B	NRI-TS500-10B	NRI-TS500-20B	NRI-TS500-50B
Max. Capacity	5 kN	10 kN	20 kN	50 kN
Measuring system	Conforms to JIS B7721,ISO 7500-1,BS1610 ,DIN51221 Class 0.5,and ASTM E4 Grade 0.5			
Test speed (mm/min)	0.001 ~ 1000			
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 : 1,200 mm	Normal : 1,300 mm		
	Extra - height model : 1900 mm	Extra - height model : 1900 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			

084-928-5202

<https://www.narin-instrument.co.th>

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NARIN INSTRUMENTS CO., LTD. 60/201 M.1 T.Bangmueng Mueng, Samutprakarn 10270. Thailand

Universal Testing Machine

Model: NRI-TS500-XX

Application

The series double column testing system for tension and compression applications where loads less than 300kN.

- >Designed with strong linear motion guide and servo motor.
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Model	NRI-TS501-100B	NRI-TS501-200B	NRI-TS501-300
Max. Capacity	100 kN	200 kN	300 kN
Measuring system	Contforms to JIS B7721, ISO 7500-1,BS1610,DIN51221 Class 0.5,and ASTM E4 Grade 0.5		
Test speed (mm/min)	0.001 ~ 500	0.001 ~ 300	
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 : 1,450 mm		
	Extra - heighth model : > 1450 mm ***Can be produced according to customer		
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 righth side of main unit - detachable		

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Model	NRI-TS501-300
Max. Capacity	300 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 ~ 300
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 : 1,450 mm
	Extra - height model : > 1450 mm ***Can be produced according to customer
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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