



GT-7001-LS10/20/30/50/100/200, Servo Control Universal Testing

For testing of strength in tension, compression, bending, shearing, rupture and etc.

It can be used for various raw materials, semi-finished and finished products which are essential to manufacturers performing quality control & academic organizations for studying the physical properties of raw materials.

Model		GT-7001-LS200	GT-7001-LS100	GT-7001-LS50	GT-7001-LS30	GT-7001-LS20	GT-7001-LS10
Capacity		2000kN	1000kN	500kN	300kN	200kN	100kN
Speed (without loading)		0.01~65mm/min	0.01~70mm/min		0.01~90mm/min		
Display Method		By Computer					
Load Range		Rangeless (full scales at the same amplification)					
Resolution		1/200,000 (or 1/300,000)					
Accuracy		±1%					
Driving Method		Servo Hydraulic Control System					
Tensile	Max. Space (1)	500mm	550mm	420mm	460mm		
	Grips for Rod (rod dia.)	Ø12~Ø85mm	Ø13~Ø75mm	Ø12~Ø50mm	Ø10~Ø40mm		
	Grips for Plate	85×110mm	70×90mm	50×80mm	40×60mm		
Compression	Effective Space (2)	700mm	650mm	540mm			
	Diameter of Compression Plate	Ø200mm	Ø160mm	Ø120mm	Ø100mm		
Bending	Effective Space (3)	245mm	225mm	290mm	280mm		
	Bending Jig	Max. Space between two fulcrums	790mm	340mm	390mm		
		Fulcrum Size (dia×width)	Ø30×210mm	Ø30×145mm			
	Punch	Radius of Punch	R35mm	R22mm		R16mm	
Punch Width		200mm	160mm	120mm	100mm		
Ram Stroke		230mm			220mm		
Speed-adjusting Mode		Adjustable electrically					
Effective space between two columns		730mm	650mm	495mm	500mm		
Crosshead Driven by		Hydraulic System					
Crosshead Speed (Up/Down) (approx.)		170±10% mm/min	200±10% mm/min	250±10% mm/min	300±10% mm/min		
Dimension (W×D×H)	Main Unit (cm)	148×135×321	116×68×233	96×63×211	107×73×194		123×82×181
	Control Unit (cm)	119×69×145					
Weight (approx.)	Main Unit (kg)	7715	3250	2405	1270		
	Control Unit (kg)	255					
Power		220V,30A; 380V,20A	220V,20A; 380V,14A			220V,13A 380V,10A	

Note: (1)excluding the ram stroke; (2),(3) includes the installed compression plate and the ram stroke.