



Hydraulic Type Universal Testing Machine

Code: 48-1000/01

Product Group: N/A

- Frame capacity of 1000 kN
- Cylinder stroke 200 mm
- Open type hydraulic grips system
- Compression grip, 1 set
- Controller: LCD Digital Indicator (resolution 1/50,000) force control, position control
- Stroke resolution: 0.01 mm

Specification

Max capacity kN (Tonf)		1,000 (100)
Load range 2-step(Tonf)		100/10 Tonf
Max tensile distance (mm)	Tensile	500
Grip for round bar (mm)	Tensile	Ø8 ~ Ø 25, Ø 25 ~ Ø 40, Ø 40 ~ Ø 70 (Select 1set)
Grip for plate bar (mm)	Tensile	0~45, 45~65, Wide: 70 (Select 1set)
Test stroke (mm)	Compression	0~600
Dia plate (mm)	Compression	Ø160
Table size (mm)		910 x 600
Column to column		610
Max ram stroke (mm)		200
Crosshead speed (mm/min)		400
Crosshead motor		Geared motor 1/30, 0.75kW
Speed control valve		MOOG G761 Series or Bosch Servo Valve
Hydraulic servo control system		Power supply, load amp, displacement amp, servo amp
Test speed		0.1~100mm/min
Load sensor		Load cell (100ton)
Stroke sensor		Position mater (0.01mm)
Hydraulic pump capacity		4.4 cc
Total weight (kg)		3,500
Power consumption		AC 220V, 380V / 3ph
Loading frame (W x D x H) mm		1200 x 850 x 2300
Hydraulic unit (W x D x H) mm		550 x 500 x 530