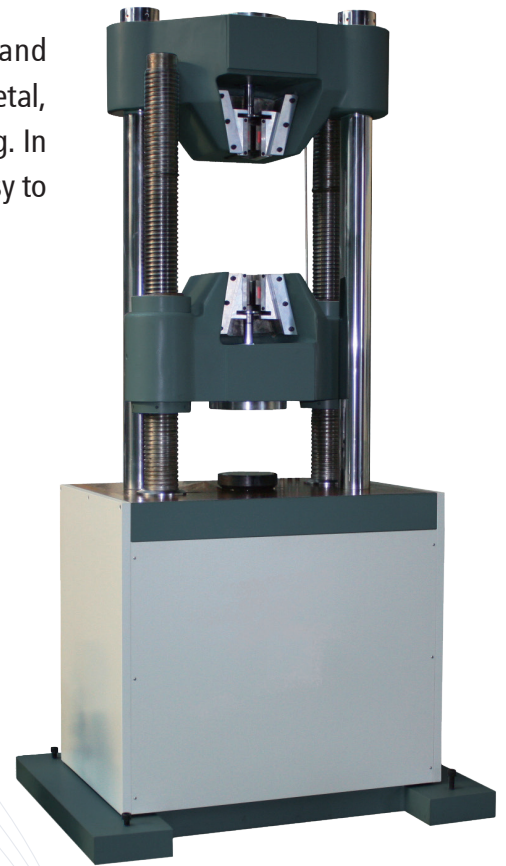


Hydraulic Automatic Universal Testing Machine



This hydraulic type machine is operated by servo valve control and computer program and can test widely for tests of metal, nonferrous metal, plastic, paper and fiber of tension, strength, compression, and bending. In the case of catching a grip is complete open hydraulic type, shall be easy to grip and remove specimen during test for tension test.



Model		QRHAU-101	QRHAU-102	QRHAU-103
		QRHAU-S101	QRHAU-S102	QRHAU-S103
Max. Load Capacity (MN)		1	2	3
Min. Load Capacity (N)		20	40	60
Accuracy		Within ± 0.5 % of the indicated load		
Operation Type		Manual valve Hydraulic servo valve		
Test Speed		0.1~150 mm/min		
Test Control		Load, stroke, strain		
Load Sensor		Load cell		
Testing Speed Control		Manual valve Computer (load, stroke, strain control)		
Safety Device		Over load limit switch, micro limit switch		
Tensile	Tensile Test Space (mm)	600	600	600
	Grip for Rods (mm)	$\varnothing 8 \sim \varnothing 30$	$\varnothing 12 \sim \varnothing 50$	$\varnothing 12 \sim \varnothing 60$
	Grip for Plate (mm)	0 ~ 30, 50	0 ~ 50, 70	0 ~ 60, 80
Compression	Plate to Plate (mm)	600	600	600
	Plate Diameter (mm)	$\varnothing 180$	$\varnothing 220$	$\varnothing 300$
Ram Stroke (mm)		200	200	220
Pump		Piston pump		
Cross Head Motor (kW)		0.4	1.5	2.2
Cross Head Speed (mm/min)		400	400	400
Pump Motor (kW)		0.75	1.5	3.75
Power		3P, AC 220 V or 380 V, 60 Hz		
Power Consumption (kW)		2.5	8	10
Load Dimension (mm)		1 200 × 800 × 2 400	1 300 × 1 000 × 2 700	1 550 × 1 100 × 3 200
Measurement Dimension (mm)		800 × 800 × 1 400		
Weight (kg)		3 000	4 000	5 800