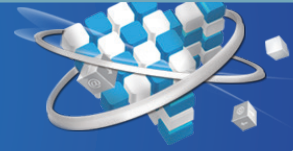


Digital Universal Testing Machine



This digital universal testing machine is hydraulic type and operated by load control valve. This machine can test tension, compression and bending of metal and nonferrous metal. Tension grip for catching the specimen is hydraulic type and convenient to install and remove grip.



Model		QRH DU-D101	QRH DU-D102	QRH DU-D103
Max. Load Capacity (MN)		1	2	3
Min. Load Capacity (kN)		0.1	0.2	0.3
Resolution		1/20 000		
Accuracy		Within ± 0.5 % of the indicated load		
Operation Type		Load control valve		
Test Speed		1 ~ 35 mm/min		
Load Sensor		Pressure cell		
Testing Speed Control		Manual		
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, 100
Compression	Plate to Plate (mm)	600	600	600
	Plate Diameter (mm)	$\varnothing 160$	$\varnothing 220$	$\varnothing 300$
	Ram Stroke (mm)	200	200	220
Pump		Piston pump		
Cross Head Motor (kW)		0.75	0.75	1.5
Pump Motor (kW)		0.75	1.5	2.2
Power		3P, AC 220 V or 380 V, 60 Hz		
Power Consumption (kW)		2.5	4	8
Load Dimension (mm)		800 × 700 × 1 900	875 × 760 × 2 300	1 120 × 900 × 2 600
Measurement Dimension (mm)		700 × 800 × 1 400		
Weight (kg)		2 000	2 600	8 000