

Universal

Testing machine (Manual Gripping) (UTM)

UTE Series
UTES Series



MODEL	UNIT	UTE 10	UTE 20	UTE 40	UTE 60	UTE 100
Maximum Capacity	kN	100	200	400	600	1000
Measuring range	kN	0-100	0-200	0-400	0-600	0-1000
Load resolution (20000 counts full scale)	N	5	10	20	30	50
Load range with accuracy of Measurement +/-1%	kN	2 to 100	4 to 200	8 to 400	12 to 600	20 to 1000
Resolution of piston movement (Displacement)	mm	0.1	0.1	0.1	0.1	0.1
Clearance for tensile test (At fully descended working piston)	mm	50-700	50-700	50-700	50-800	50-850
Clearance for compression test (At fully descended working piston)	mm	0-700	0-700	0-700	0-800	0-850
Clearance between columns	mm	500	500	500	600	750
Ram Stroke	mm	150	200	200	250	250
Straining/ Piston Speed (at no load)	mm/min	0-300	0-150	0-150	0-100	0-80
CONNECTED LOAD						
Power	HP	1.33	1.33	2.33	2.5	3.5
V		400-440	400-440	400-440	400-440	400-440
Φ		3	3	3	3	3

STANDARD ACCESSORIES						
FOR TENSION TEST						
Clamping jaws for round specimens of diameter	mm	10-20	10-20	10-25	10-25	10-25
		20-30	20-30	25-40	25-40	25-45
Clamping jaws for flat specimens of thickness	mm	0-10	0-10	0-15	0-15	0-22
		10-20	10-20	15-30	15-30	22-44
Width	mm	50	50	65	70	70
FOR COMPRESSION TEST						
Pair of Compression Plates of Dia.	mm	120	120	120	120	160
FOR TRANSVERSE TEST						
Table with adjustable rollers						
Width of rollers	mm	160	160	160	160	160
Diameter of Rollers	mm	30	30	30	50	50
Maximum clearance between supports	mm	500	500	500	600	800
Radius of punch tops	mm	6,12	6,12	12,16	16,22	16,22

● Due to constant R&D specifications & features are subject to change without notice.

● Colour scheme subject to confirm at the time of order.