

Universal

Testing machine(Hydraulic Gripping) (UTM)

UTE-HGFL Series
UTES-HGFL Series



MODEL	UNIT	UTE-HGFL 10	UTE-HGFL 20	UTE-HGFL 40	UTE-HGFL 60	UTE-HGFL 100
Maximum Capacity	kN	100	200	400	600	1000
Measuring range	kN	0-100	0-200	0-400	0-600	0-1000
Load resolution (50000 counts full scale)	N	2	4	8	12	20
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) for UTE	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	2.33	2.33	3.33	3.5	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	10-20	10-20	10-20	10-20
		20-30	20-30	20-30	20-30	20-30	20-30
		.....	.....	30-40	30-40	30-40	30-40
		.....	.....	.....	.....	40-50	40-50
Clamping jaws for flat specimens of thickness	mm	0-10	0-10	0-10	0-10	0-10	0-10
		10-20	10-20	10-20	10-20	10-20	10-20
		.....	.....	20-30	20-30	20-30	20-30
		.....	.....	.....	.....	30-40	30-40
Width	mm	50	50	65	70	70	70
FOR COMPRESSION TEST							
Pair of Compression Plates of diameter.	mm	120	120	120	120	160	160
FOR TRANSVERSE TEST							
Table with adjustable rollers							
width of rollers	mm	160	160	160	160	160	160
Diameter of Rollers	mm	30	30	30	50	50	50
Maximum clearance between supports	mm	500	500	500	600	800	800
Radius of punch tops	mm	6,12	6,12	12,16	16,22	16,22	16, 22

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