

SPECIFICATIONS

MODEL		UTM-10	UTM-20	UTM-40	UTM-60	UTM-100	UTM-200	UTM-300
Maximum capacity	kN	100	200	400	600	1000	2000	3000
1st Measuring Range	kN	0-100	0-200	0-400	0-600	0-1000	0-2000	0-3000
Minimum Graduations	kN	0.2	0.4	1	1	2	4	5
2nd Measuring Range	kN	0-50	0-100	0-200	0-300	0-500	0-1000	0-1500
Minimum Graduations	kN	0.1	0.2	0.5	0.5	1	2	2.5
3rd Measuring Range	kN	0-25	0-50	0-100	0-120	0-250	0-500	0-600
Minimum Graduations	kN	0.05	0.1	0.25	0.2	0.5	1	1
4th Measuring Range	kN	0-10	0-20	0-40	0-60	0-100	0-200	0-300
Minimum Graduations	kN	0.02	0.04	0.1	0.1	0.2	0.4	0.5
Clearance for tensile at fully descended working piston	mm	50-700	50-700	50-700	50-800	50-850	50-900	50-900
Clearance for compression test at fully descended working piston	mm	0-700	0-700	0-700	0-800	0-850	0-900	0-900
Clearance between columns	mm	500	500	500	600	750	850	850
Ram stroke	mm	150	200	200	250	250	300	300
Straining/piston speeds (at no load)	mm/min	0-300	0-150	0-150	0-100	0-80	0-45	0-50
CONNECTED LOAD								
HP		1.3	1.3	2.3	2.5	3.5	6.5	8.5
V		400-440	400-440	400-440	400-440	400-440	400-440	400-440
Ø		3	3	3	3	3	3	3
DIMENSIONS								
L x W x H (approx.)	mm	2032 x 750 x 1960	2032 x 750 x 1960	2060 x 750 x 2180	2265 x 750 x 2534	2415 x 815 x 2900	3000 x 1200 x 3600	3500 x 1900 x 4550
Weight approx	kg	1500	1500	2500	3500	5500	12 500	22 000
STANDARD ACCESSORIES								
FOR TENSION TEST								
Clamping jaws for round specimens diameter	mm	10-20	10-20	10-25	10-25	10-25	20-40	25-50
		20-30	20-30	25-40	40-55	45-70	40-60	50-70
							60-80	70-90
Clamping jaws for flat specimens thickness	mm	0-10	0-10	0-15	0-15	0-22	0-20	0-25
		10-20	10-20	15-30	15-30	22-44	20-45	25-50
						44-65	45-70	50-75
Width	mm	50	50	55	70	70	90	100
FOR COMPRESSION TEST								
Pair of compression plates of diameter	mm	120	120	120	120	160	220	220
FOR TRANSVERSE TEST								
Table with adjustable rollers	mm	160	160	160	160	160	200	200
Width of rollers	mm	30	30	30	50	50	70	70
Diameter of rollers	mm	30	30	30	50	50	70	70
Maximum clearance between supports	mm	500	500	500	600	800	900	1000
Radius of punch tops	mm	6.12	6.12	12.16	16.22	16.22	30.40	50.75

Special Accessories : These include load stabilizer, Brinell Test Attachment, bend test attachment, shear test attachment and a wide range accessories offered on request at additional cost.

Installation : It is recommended that machines be erected on a foundation. Details on foundation can be given on request.

Due to constant R & D, specifications and features are subject to change without notice. The dimensions given above are approximate.

MANUFACTURED BY :



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 MODEL - AI-UTE



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