

SINGLE COLUMN DIGITAL DISPLAY ELECTRONIC UNIVERSAL TESTING MACHINE

METZ – UTM-A SERIES (SINGLE COLUMN)

MAIN APPLICATION

METZ – UTM-A series (single column) digital display electronic universal testing machine is mainly used for testing and analyzing the tensile, compression, bending, shearing, tearing, peeling and other mechanical properties of non-metallic materials, such as metal wire, rubber plastic, waterproof roll, wire and cable, chemical fiber textile, etc. according to GB, ISO, JIS, ASTM, DIN and various standards provided by users. It is an ideal testing equipment for scientific research institutes, colleges and universities, industrial and mining enterprises, technical supervision,



TECHNICAL PARAMETERS

Model	UTM-01A	UTM-02A	UTM-03A	UTM-05A	UTM-01A	UTM-02A	UTM-03A	UTM-05A
Maximum force	100N	200N	300N	500N	1000N	2000N	3000N	5000N
Measuring range of force	4%–100%F.S							
Measuring accuracy of force	Better than $\pm 1\%$ of indication value							
Cross beam displacement measuring accuracy	0.01mm							
Speed control range	0.05–500mm/min.							
Effective test space	800mm (customizable)							
Tensile grips	50mm Corrugated jaws							
Working environment	Room temperature $\sim 35^{\circ}\text{C}$, relative humidity no more than 80%							
Power supply	Single phase, 220V $\pm 10\%$, 50Hz							
Dimensions	500 \times 410 \times 1530mm							
Weight	120 kg							

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