



ELECTRONIC UNIVERSAL TESTING MACHINE (DESKTOP TYPE)

Class 0.5

We offer UTM class 1 and class 2 at a lower price. Please contact our sales team for consultation.

FEATURES

1. Adopt fully digital AC servo speed control system and servo motor as the drive system, with high speed control accuracy and stable performance.
2. Microcomputer control and data processing software automatically collects and processes test data, draws various curves and prints test reports.
3. According to GB, ISO, JIS, ASTM, DIN and various standards provided by users.

SPECIFICATIONS



Model	IUM-5B	IUM-10B	IUM-20B
Maximum test force	5kN	10kN	20kN
Force measurement range	0.4%-100%FS (no binning in the whole process)		
Test force indication accuracy	Better than $\pm 1\%$ of the indication value (precision level can reach $\pm 0.5\%$)		
Deformation accuracy	Better than $\pm 1\%$ of the indication value		
Crossbeam displacement measurement (mm)	Resolution 0.001		
Deformation range	1%-100%		
Large deformation measurement range	10-800 (optional)		
Large deformation indication accuracy	Within $\pm 1\%$ of the indication value		
Displacement resolution (n)	Resolution 0.001		
Displacement rate adjustment range	(0.001-500) mm/min can be set arbitrarily. Higher speed can be customized.		
Displacement rate spatial accuracy	$\leq \pm 1\%$		
Stretch stroke (mm)	800		
Crossbeam moving space (mm)	1150		
Host size (mm)	(Length \times Width \times Height) 640 \times 330 \times 1550mm		
Testing machine weight (kg)	about 150		
Motor power (kw)	1		
Testing machine auxiliary tools	Stretching aids, compression aids, bending aids and other aids (optional)		
Testing machine style	small desktop		
Standard delivery	Main unit, control box, software, computer, printer, Fixture (compression tensile)		