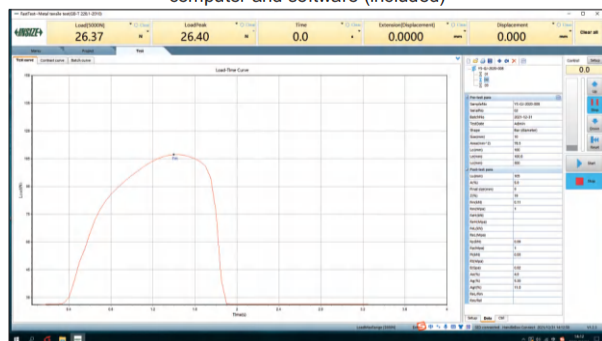


ELECTRONIC UNIVERSAL TESTING MACHINES



VIDEO

computer and software (included)



UTM-S5KA

- For testing and researching the mechanical properties of metals, ceramics, plastics, rubber and composite materials
- For research and quality control of mechanical properties of materials for a wide range of products such as mechanical components, electronic components, food packaging materials, chemical fibres, films and new energy batteries

SPECIFICATION

Code	UTM-S200A	UTM-S500A	UTM-S1KA	UTM-S2KA	UTM-S5KA
Max. test force	200N	500N	1kN	2kN	5kN
Accuracy class	class 0.5				
Accuracy of test force	±0.5% of indicated value				
Range of test force	0.2%~100%FS				
Resolution of test force	1/500000FS				
Crossbeam displacement accuracy	±0.5% of indicated value				
Crossbeam displacement resolution	0.025µm				
Range of speed adjustment	0.001~500mm/min				
Accuracy of crossbeam speed	±1% of the set value (speed<0.5mm/min) ±0.1% of the set value (speed≥0.5mm/min)				
Range of force control speed	0.005~5%FS/s				
Accuracy of constant load force	±1% of the set value (speed<0.05%FS/s) ±0.5% of the set value (speed≥0.05%FS/s)				
Vertical test space *	1120mm				
Effective compression height *	800mm				
Dimension (W×D×H)	510×510×1580mm				
Weight	150kg				
Power supply	AC220V, 50Hz, 0.4kW				

* Can be customized according to test requirements

STANDARD DELIVERY

Main unit	1 pc
Control box	1 pc
Measuring software	1 pc
Computer	1 pc
Printer	1 pc
Compression fixture (except UTM-S200A)	1 set
Tension fixture	1 set

OPTIONAL ACCESSORY

Fixture	UTM-F series (customized, selection of specifications according to test requirements)
Extensometer	UTM-EX series (customizable)
Video extensometer	UTM-M series
Large deformation extensometer	UTM-EY series (customizable, page 948)
Security door	customized