

# ELECTRONIC TENSILE COMPRESSION MACHINES

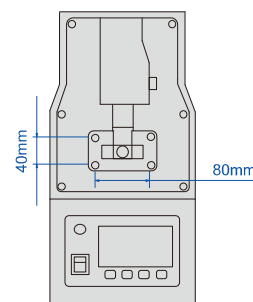
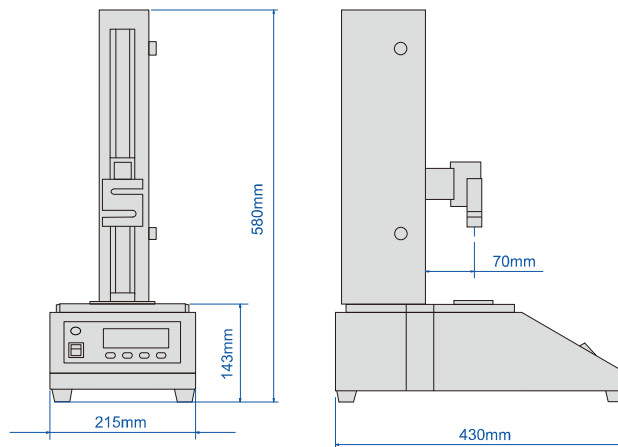


**UTM-SC1000**

- Suitable for tensile, peeling and tearing tests of metal wires, metal foils, plastics, food packaging, textile fibres, wires and cables, adhesives, connectors and other industries
- Fixed force test, fixed displacement test, fixed deformation test and cycle test can be realised
- Automatically obtain the maximum force, tensile strength, compressive strength, elongation at break, average peeling strength, average peeling force and other test data
- Overload emergency shutdown protection device, up and down travel limit protection device
- Leakage automatic power-off system, automatic breakpoint stop function



test interface



tensile fixture (included)



compression fixture (included)

## SPECIFICATION

Code	UTM-SC100	UTM-SC200	UTM-SC500	UTM-SC1000
Max. test force	100N	200N	500N	1000N
Accuracy class	0.5 class			
Test force measurement range	0.4%~100%FS			
Test force measurement accuracy	±0.5% of indicating value			
Test force measurement resolution	0.01N			
Deformation measurement range	0.2%~100%FS			
Deformation measurement accuracy	±0.5% of indicating value			
Deformation measurement resolution	0.001mm			
Displacement range*	0~300mm			
Displacement accuracy	±0.5% of indicating value			
Displacement resolution	0.001mm			
Displacement speed adjustment range	0.1~500mm/min			
Effective tensile travel*	150mm			
Power supply	AC110~220V, 50/60Hz			
Dimension	430×215×580mm			
Weight	15kg			

\* Can be customized according to test requirements

## STANDARD DELIVERY

Main unit	1 pc
Tensile fixture	1 set
Compression fixture	1 set

## OPTIONAL ACCESSORY

Fixture	customized, selection of specifications according to test requirements
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