

**UTM-65A/B**  
Computer Tensile Strength Tester

**Cap screws**  
Set the test height, and uses the import limit switch, can carry out reciprocating operation number 100,000 times.

**Imported high precision sensor**  
Will feel the information, according to the law must transform into electric signal output, to meet the information transmission, processing, storage, display, record & control requirements.

**Control panel**

## UTM-65A/B, Material Testing Machines

### Uses:

This machine is designed for quick and reliable tensile, compression, bending, shear, peel, loop tack and fatigue cycling on metals, tape, composites, alloys, rigid plastics & films, elastomers, textiles, paper, board & finished products.

### Character:

- Using the computer as the main control machine plus the special testing software of our company can conduct all of testing parameter, work state, collecting data & analysis, result display and printing output.
- Have steady performance, high accuracy, powerful software function and easy operation.
- Use the USA high-precision load cell. Machine accuracy is  $\pm 0.5\%$ .

### Accessories:

- Suitable Grips that meet customer sample need.
- Special peeling tools for peel test in tape & film industry.
- Software for test control, data acquisition and report.
- English operation teach video.
- Tabel, computer is selectable.

### Electric machinery

An important part of the instrument.

### Socket interface



### BESTE Software functions:

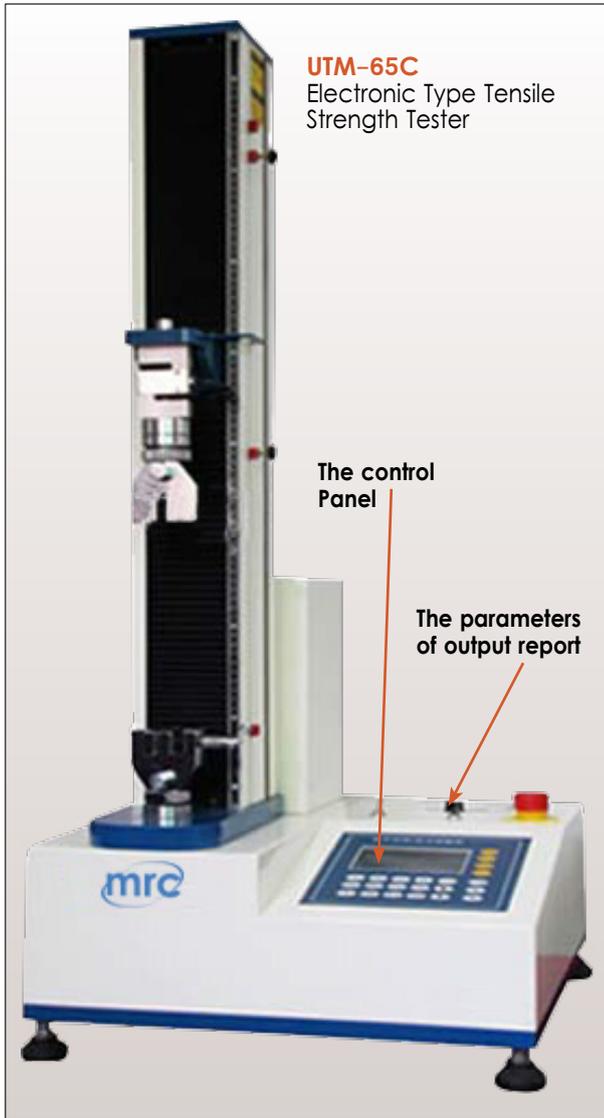
- Use windows working platform, set all parameter with dialog forms and operate easy
- Using a single screen operation, do not need to change the screen
- Have simplified Chinese, traditional Chinese and English three languages, switch conveniently
- Plan test sheet mode freely
- Test data can be directly appeared in the screen
- Compare multiple curve data through translation or contrast ways
- With many units of measurement, the metric system and british system can switch
- Have automatic calibration function
- Have user-defined test method function
- Have test data arithmetic analysis function
- Have the function of automatic magnification, to achieve the most appropriate size of graphics.

Model	UTM-65A	UTM-65B
Range of speed	0.5-1000mm/min	50-500mm/min
Motor	Japan Panasonic Servo Motor	AC Motor
Capacity Choice	1/2/5/10/20/50/100/200/500kg optional	
Resolution	1/250,000	1/150,000
Effective Testing spec.	120mmMAX	
Accuracy	$\pm 0.5\%$	
Operation Method	Windows operation	
Accessories Optional accessories	computer, printer, system operation manual stretcher, air clamp	
Weight	80Kg	
Dimintions (WxDxH)	580x580x1250mm	
Power	1PH, AC220V, 50/60Hz	
Stroke Protection	Upper & lower protection, prevent over preset	
Force Protection	System setting	
Emergency stop device	Handling emergencies	

### Safety Device:

- **Travel protection:** machinery, computer double protection, prevent exceeds the preset stroke
- **Force protection:** system settings
- **The emergency stop device:** it can deal with emergencies.

# MATERIAL TESTING 200kg, Tensile Testing Machine



**UTM-65C**  
Electronic Type Tensile Strength Tester

## UTM-65C, Electronic Type Tensile Strength Tester

### Uses:

This machine is designed for quick and reliable tensile, compression, bending, shear, peel, loop tack and fatigue cycling on metals, tape, composites, alloys, rigid plastics and films, elastomers, textiles, paper, board and finished products.

### Character:

Have steady performance, high accuracy, & easy operation.

### Accessories:

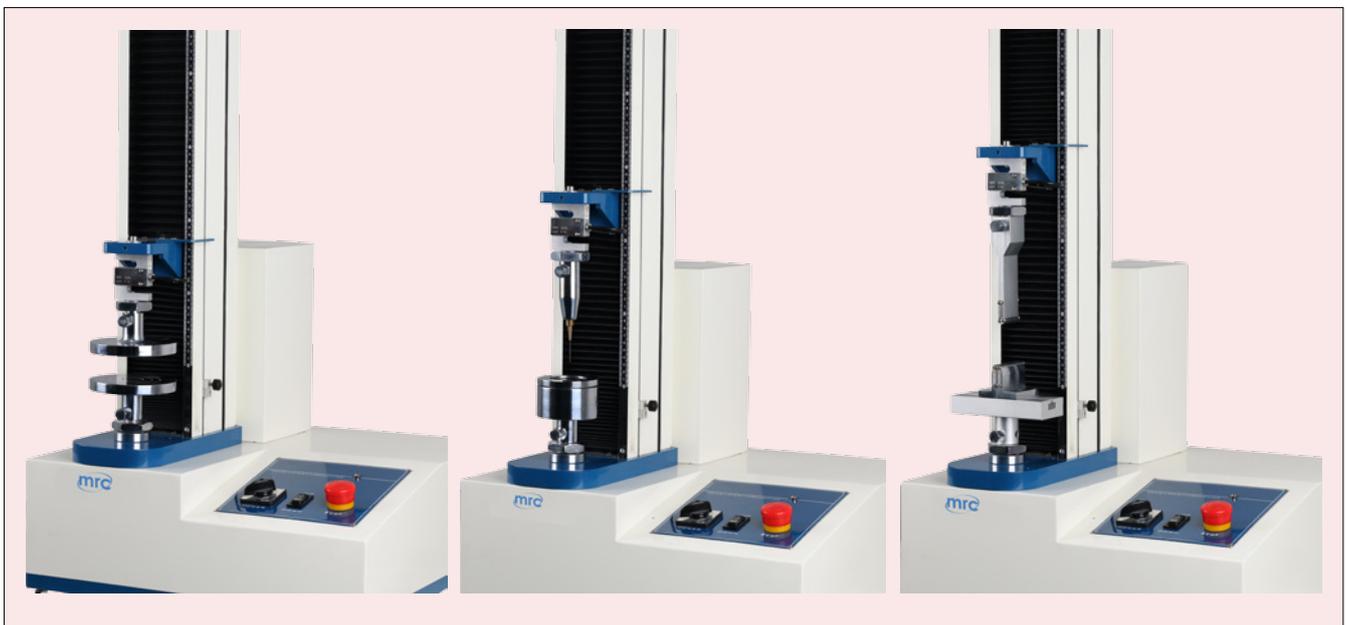
- Suitable Grips that meet customer sample need.
- Special peeling tools for peel test in tape&film industry.
- English operation teach video.

Model	UTM-65C
Range of speed	50-400mm/min adjustable, constant speed 300mm/min
Motor	adjustable speed Motor
Capacity Choice	1/2/5/10/20/50/100/200kg optional
Resolution	1/50,000
Stroke	650mm
Test space	120mmMAX
Accuracy	±1.0%
Display	Force & elongation display
Dimensions (WxDxH)	500x500x1200mm
Optional accessories	Stretcher, air clamp
Weight	60Kg
Power	1PH, AC220V, 50/60Hz

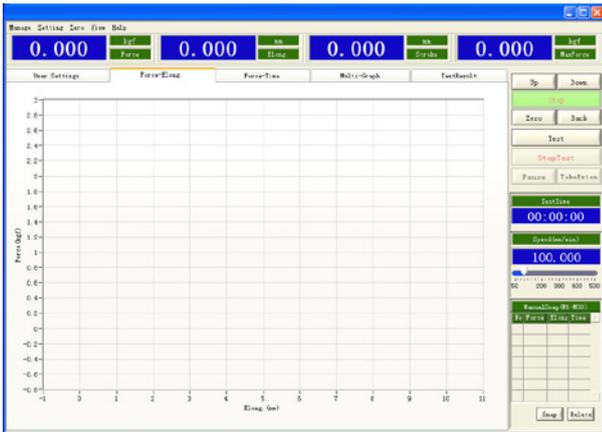
### Safety Device:

- **Stroke protection:** machinery, computer double protection, prevent over preset
- **Emergency stop device:** handling emergencies.

According to testing different products to choose different fixtures (for all models A/B/C):

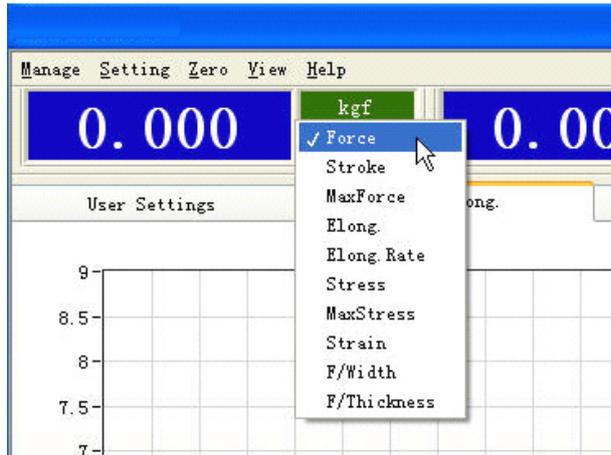


Peel strength • Puncture • Compressive • Tensile • Strength • Bending • Shear strength • Tear strength • Modulus of Elasticity

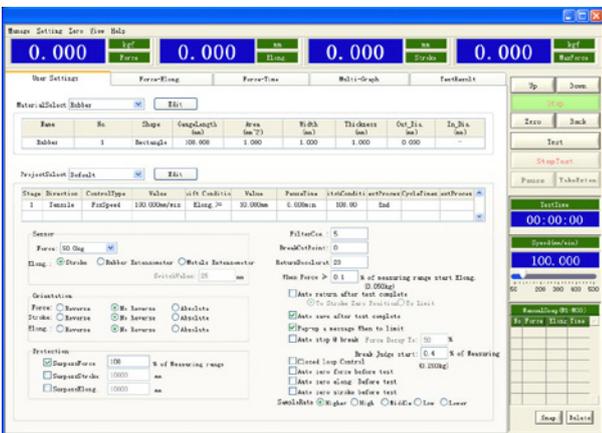


**Quick start**

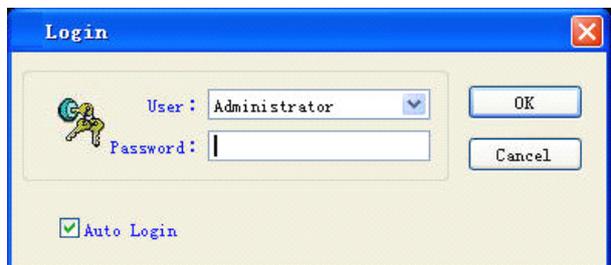
A complete testing process includes three steps: Setting before test; execute test and get test results.



Control Panel: Control the machine up and down and testing execution operation and so on. Rising and falling speed of machine: Adjust lifting & falling speed of machine.

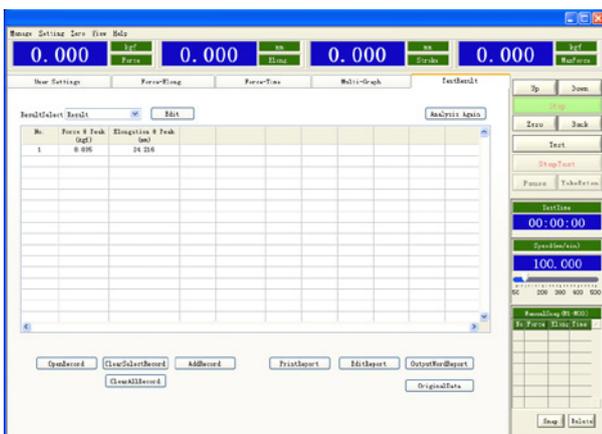


**Main Interface Introduction:** A Main interface show.

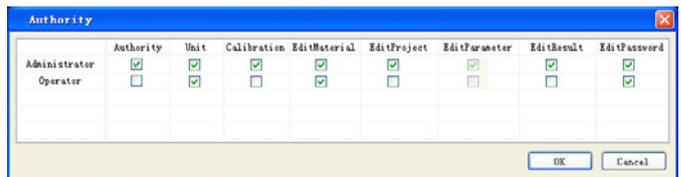


**Log-in**

Click Menu "Management" -> "Log in", or press composite key Ctrl+L(3.5 Shortcut Key lists) to enter Login interface, as shown.



Software include title bar, menu bar, current volume displaying bar, control panel, testing time displaying, lifting speed of machine, manual check point, material selection and modification, testing methods' selection and modification, control parameters' selection and modification, results' selection and modification, results displaying form, history record operation, report forms operation, force - displacement curve display and so on. Title bar: software name, version information, etc.



**Authority Management**



**Modify Password**

Click menu "Management" -> "Modify login password" to enter Modify Login Password Interface.