



UTM-508B1

Material testing machines can analyze the whole testing result including elongation, stress, strain, break value and average value. It can also fit to different specimen shape or be required to destroy the specimen and record the entire testing process and analyze the physical features of the specimen like tension force, bending strength, wear-resisting, impact, torque force, abrasion, fatigue, hardness, peeling force, viscosity...etc. We also supply the specimen maker equipment like pneumatic specimen press, hardness specimen cutting device, electrical forming machine. These equipment can make the standard specimen to get precise result during test.

UTM-508B1, Material Testing Machine

It's a light type Material Testing Machine which applied by latest design and producing skill to have strong structure and lightweight. Undoubtedly we still keep the advantage for testing precision, simply operation, expand strong. It's the best choice for material testing machine. We have a Series B1 type: 503B1/505B1/506B1/513B1/. The specification and function of them are the same except external different.



UTM-513B1

UTM-513B1, Universal Testing Machines

This is a new light type device which adopts latest design & skill to have strong but smaller & lighter structure. Still keep the advantages of testing precision, simply operation, extend strong. It is the best choice for small capacity.



UTM-508E

UTM-508E, Material Testing Machine

This light type Material Testing Machine which takes newest designed concept and technology to be the smallest and lightweight. It has lots of advantage, such as test exactly, operated simply, strong expand, etc. It's the best choice for small capacity testing.

Model	UTM-508B1	UTM-513B1	UTM-508E
Max. Capacity	5 KN (500 kgf)	5 KN (500 kgf)	500 N (50 kgf)
Force resolution	1/10000	1/10000	1/10000
Travel resolution	0.005 mm	0.005 mm	0.005 mm
Speed	1~1000 mm/min	1~1000 mm/min	6~600 mm/min
Motor power	400w	400w	-
Speed accuracy	±0.5%	±0.5%	±0.75%
Throat depth	70mm	70mm	50mm
Motor style	AC servo motor	AC servo motor	Step motor
Testing Space	140 mm	140 mm	100 mm
Dimension	50x53x145 cm	50x53x100 cm	42x28x88 cm
Weight	80 kg	65 kg	27 kg
Power supply	220 V AC	220 V AC	100~240 V AC, 3A
PC-Port	USB	USB	USB
Data Sampling Rate	5K Hz	5K Hz	2K Hz
Stroke(w/o grips)	800 mm	400 mm	350 mm