



UTM-505B1

UTM-505B1, Universal Material Testing Machine

Universal material testing machine are mainly applied to testing the physical features of raw materials, finished-products, and semi-products. Universal material tester can perform tensile testing, compression testing, bending testing and acquire testing data like elongation, extension rate, stress and strain...etc. Universal material testing machine can go with various testing accessories like grips, ovens, extensometers and load cells to perform various measuring & testing. This tensile tester can be operated individually or by computer to control the tester.

It's new floor type Universal Material Testing Machine which applied by latest design and producing skill to have strong structure, saving transmission power and electric current without specific power system. Undoubtedly we still keep the advantage for testing precision, simply operation, expand strong. It's the best choice for material testing machine.

UTM-506B1, Material Testing Machine

Material testing machines can analysis 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 analysis 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.

This is a new tabletop 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: 503B1/505B1/508B1/513B1. The specification and function of them are the same expect external different.



UTM-506B1 (Extend)



UTM-506B1

Model	UTM-505B1	UTM-506B1	UTM-506B1 (Extend)
Max. Capacity	50 KN (5,000 kgf)	10 KN (1,000 kgf)	10 KN (1,000 kgf)
Force resolution	1/10000	1/10000	1/10000
Travel resolution	0.005 mm	0.005 mm	0.005 mm
Speed	0.5~500 mm/min	1~1000 mm/min	1~1000 mm/min
Motor power	750w	400w	400w
Speed accuracy	±0.5%	±0.5%	±0.5%
Motor style	AC servo motor	AC servo motor	AC servo motor
Testing Space	420 mm	350 mm	350 mm
Dimension	88x58x193(H) cm	72x51x132(H) cm	72x51x172(H) cm
Weight	356 kg	120 kg	140 kg
Power supply	1Ø200~240 V AC	1Ø200~240 V AC	1Ø200~240 V AC
PC-Port	USB	USB	1/10000
Data Sampling Rate	5K Hz	5K Hz	5K Hz
Stroke(w/o grips)	1100 mm	700 mm	1200 mm