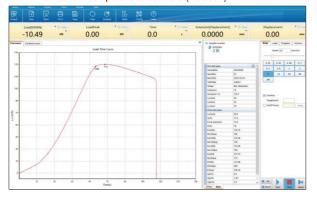
HYDRAULIC UNIVERSAL TESTING MACHINES

computer and software (included)







UTM-H300B

 For tensile, compression, bend, shear tests of metal and non-metal materials



acrylic safety shield (optional)



steel wire safety shield (optional)

SPECIFICATION

Code		UTM-H300B	UTM-H600B	UTM-H1000B	UTM-H2000B	UTM-H3000B
Max. test force		300kN	600kN	1000kN	2000kN	3000kN
Accuracy		±1%				
Test force measurement range		2%~100%FS				
Resolution of test force measurement		1/300000 of Max. test force (same resolution all the way)				
Deformation measurement device		extensoment				
Deformation measurement range		1%~100%FS				
Deformation measurement accuracy		±1%				
Deformation measurement resolution		1/300000				
Displacement accuracy		±1%				
Displacement resolution		0.01mm				
Displacement travel		200mm				
Max tensile space (including piston stroke)		600mm	600mm	680mm	600mm	900mm
Max compression space		500mm	500mm	560mm	500mm	800mm
(including piston stroke)						
Transmission mode		Chain drive				
Safety protection device		Software protection and mechanical limit protection				
Control function		Special software, closed-loop of stress, strain and velocity				
Clamping range of round sample		Ø10~32mm	Ø13~40mm	Ø13~60mm	Ø20~70mm	Ø25~80mm
Clamping range of flat sample		0~15mm	0~15mm*	0~20mm**	0~40mm	0~80mm
Upper and lower pressure plate size		Ø188mm	Ø188mm	Ø208mm	Ø208mm	Ø208mm
Bending branch roll width		140mm				
Total power		2.5kW	3.0kW	3.0kW	3.75kW	5.5kW
Power supply		380V, 50Hz				
Demension(mm)	Host	800×620×1900	820×650×2000	940×780×2250	1100×760×3000	1250×930×3550
	Oil source	1140×600×855				
Weight		2T	2.2T	3T	7.5T	12.6T

^{*}Customizable 0~30mm ***Customizable 0~40mm

STANDARD DELIVERY

Main unit	1 pc
Electro hydraulic servo oil source	1 pc
Electro hydraulic servo valve	1 pc
High pressure oil pump	1 pc
Oil pressure sensor	1 pc
Control box	1 pc
Extensometer	1 pc
Computer	1 pc
Measuring software	1 set
Printer	1 pc
Tensile fixture	1 set
Compression fixture	1 set

OPTIONAL ACCESSORY

Acrylic safety shield	UTM-H-COVER1	
Steel wire safety shield	UTM-H-COVER2	