

HIGH AND LOW TEMPERATURE TEST CHAMBERS FOR ELECTRONIC UNIVERSAL TESTING MACHINES

- For **UTM-E□□□** electronic universal testing machines
- For tensile, compression, bend, shear tests in high and low temperature environment

electronic universal
testing machine is
optional



UTT-M63-E50

SPECIFICATION

Code	for UTM-E10	UTT-M03-E10	UTT-M33-E10	UTT-M63-E10
	for UTM-E50	UTT-M03-E50	UTT-M33-E50	UTT-M63-E50
	for UTM-E100	UTT-M03-E100	UTT-M33-E100	UTT-M63-E100
Temperature range		(room temperature+10℃)~300℃	-30~300℃	-60~300℃
Temperature accuracy*		±1℃		
Temperature fluctuation*		±0.5℃		
Temperature uniformity*		≤2℃		
Temperature resolution		0.1℃		
Cooling system		No	compressor or liquid nitrogen	
Cooling time (room temperature@25℃)			1~2℃/min (no-load)	
Warming up time		1~3℃/min (no-load)		
Temperature control		PID automatic temperature control		
Heating system		magnesium powder heating tube		
Aperture size		Φ50mm		
Working chamber dimension**		240×430×530mm (suitable for electronic universal testing machines with column spacing of 400mm and above)		
Power supply		AC 220V, 50Hz		
Total power		1.8kW	2.2kW	2.8kW

* The applicable range of temperature accuracy, uniformity and fluctuation is Φ100×200mm

** Customized according to **UTM-E□□□** electronic universal testing machine and customer requirements