

# 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°C)~300°C		-30~300°C	-60~300°C
Temperature accuracy*	±1°C			
Temperature fluctuation*	±0.5°C			
Temperature uniformity*	≤2°C			
Temperature resolution	0.1°C			
Cooling system			compressor or liquid nitrogen	
Cooling time (room temperature@25°C)	No		1~2°C/min (no-load)	
Warming up time	1~3°C/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