

WANCE offers various kinds of environmental chamber to address the needs of non-ambient tensile, compression and bending tests.

EMC003A-1 series is specially designed for ETM Type C series, while EMC003A-2 series is for ETM Type D series. Both models provide temperature ranging $-70 \sim +350^{\circ}\text{C}$.



Specifications

Model	EMC003A-1	EMC003A-2
Compatible with model	ETM Series, Type C	ETM Series, Type D
Temperature range	$-70 \sim +350^{\circ}\text{C}$	
Wind circulation method	centrifugal blower	
Temperature fluctuation	$\leq \pm 1^{\circ}\text{C}$	
Temperature accuracy	$-70 \sim 200^{\circ}\text{C}$: $\leq \pm 2^{\circ}\text{C}$ $200 \sim 350^{\circ}\text{C}$: $\leq \pm 3.5^{\circ}\text{C}$	
Temperature uniformity	$-70 \sim 200^{\circ}\text{C}$: $\leq \pm 2^{\circ}\text{C}$ $200 \sim 350^{\circ}\text{C}$: $\leq \pm 3.5^{\circ}\text{C}$	
Temperature reading accuracy	0.1°C	
Heating rate	$3^{\circ}\text{C}/\text{min}$	
Cooling rate	$2^{\circ}\text{C}/\text{min}$	
Cooling method	Liquid nitrogen	
Heat insulating material	Aluminum silicate wool	
Inside dimension	D240×W200×H600 mm	D320×W300×H600 mm
Outside dimension	D900×W350×H760 mm	D950×W450×H760 mm
Weight	100kg	120kg
Heating power	1.6 kW	2.4 kW
Power supply	1-phase AC220V±10%, 50Hz	3-phase 5-line, 50Hz
ETM-C with chamber	ETM-D with chamber	
Maximum specimen length after break	L=specimen clamp length between two grips +200	
Working environment	Temperature: $+5^{\circ}\text{C} \sim +35^{\circ}\text{C}$ Humidity: $\leq 85\%$ Atmospheric pressure: 86~106KPa	

Standard Accessories

Name	Description	Quantity (set)
Chamber		1
Guide rail		1
Liquid nitrogen cylinder	Model: YDS-15 Capacity: 15.2 liter Working pressure: <0.1MPa Outside diameter: 355mm Height: 600mm Empty weight: 8.6kg Nitrogen effective days: 126~157 days	1