

Environmental Test Chamber

TESTA TT / TESTA CT

TESTA TT / TESTA CT – Reliable and precise environmental test chambers. TESTA CT and TESTA TT environmental test chambers expand the Memmert portfolio, offering high-performance solutions for environmental simulation. With a wide temperature range from -75 to $+180$ °C, controlled humidity from 10 to 98 % RH and temperature change rates of up to 10 K/min, these devices are the perfect choice for diverse applications in research and quality assurance.



Standard Equipment

Interior : Stainless steel material

Housing : Textured Stainless-steel casing with touch screen controller

Door : Lockable door, double silicone door gaskets and anti-condensation heating frames.

Installation : on height-adjustable and lockable castors

Interfaces : Ethernet LAN

Key Features

- 01** Stainless steel Interior
- 02** Zinc mild steel with epoxy coating finish Exterior
- 03** Stainless steel electric heaters
- 04** Air cooled hermetic compressor for cooling
- 05** Capacitive humidity sensor | EC
- 06** Real-time display of process variables
- 07** Humidity control through thermostatic bath with dew point control
- 08** State-of-the-Art Connectivity
- 09** Flexible Interior Design

Environmental Test Chamber CT/TT (272 & 967 Lit)

Model sizes/Description				TT300	CT300	TT1000	CT1000
Stainless steel interior	Volume	l		272		967	
	Width	(A)	mm	634		984	
	Height	(B)	mm	715		910	
	Depth	(C)	mm	600		1052	
	Max. number of grids	number		10			
	Max. loading per grid/shelf	kg		25		50	
	Max. loading of chamber	kg		120		200	
Stainless steel exterior	Width	(D)	mm	1009		1359	
	Height (with castors)	(E)	mm	1840		2010	
	Depth	(F)	mm	1340		1845	
Temperature	Setting temperature range for model CT/TT...50 ⁰			-52 to +180			
	Setting temperature range for model CT/TT...75/40			-75 to +180			
	Maximum spatial temperature deviation in accordance with IEC 60068-3-5			+ 1.5			
	Temperature variation in time			± 0.1 to ±0.3			
Humidity	Setting range active humidity control		% rh	-	10 to 98 %rh	-	10 to 98 %rh
	Spatial humidity stability			-	±2	-	±2
	Humidity stability in time		% rh	-	±1	-	±1
Further data	Supply voltage			3 -400V / N / PE / 50/60 Hz			
	Electrical power for model CT/TT...50		KW	11		22	
	Electrical power for model CT/TT...75		kW	22		35	
	Electrical power for CT...40 model		kW	-		44	
	Net weight model CT/TT...50		kg	535		874	
	Net weight model CT/TT...75		kg	540		910	
	Net weight model CT/TT...40		kg	-		910	
	Refrigerant for model CT/TT...50			R449A			
	Refrigerant for model CT/TT...75/40			R449A R23			
Packing data	Width	mm		1180		1530	
	Height	mm		2100		2330	
	Depth	mm		1575		2020	
				Testa-TT	Testa-CT	Testa-TT	Testa-CT
Product sizes				TT300	CT300	TT1000	CT1000
Adjustable parameters				Temperature	Temperature Relative Humidity	Temperature	Temperature Relative Humidity
Standard equipment	Shelf			Stainless steel perforated shelf			
	Number in the basic configuration			2			
	Standard option			Entryport 80 mm, left Door locking, mechanical			
	Standard accessories			Water conductivity measuring device Documentation package			
Order no. Testa environmental test chambers TT...E = Temperature test chamber CT...E = Environmental test chamber CT...EC = Capacitive humidity sensor CT...EP = Psychrometric humidity sensor CT...ECP = Capacitive and psychrometric humidity sensor ...5K / 10 K = Temperature change rate in accordance with IEC/EN 60068-3-5/6				TT300E50-5K	CT300EC50-5K	TT1000E50	CT1000EC50
				TT300E75	CT300EP50-5K	TT1000E75	CT1000EP50
					CT300ECP50-5K	TT1000E40-10K	CT1000ECP50
					CT300EC75		CT1000EC75
					CT300EP75		CT1000EP75
					CT300ECP75		CT1000ECP75
							CT1000EC40-10K
							CT1000EP40-10K

Accessories

- 01 Perforated Shelf

02 External water supply tank

03 Silicon stopper for 80/150φ mm entry port
- 04 Condensate pump

05 Water filter for water cooled condenser

06 FitoLog software license

Options

- 01 Adjustable fan speed

02 Door locking ,electric

03 Entry port 80/150mm φ
- 04 Full-sight glass door

05 Emergency stop button

06 Mobile alert, notification by SMS

Product range	Ovens	Vaccum Ovens	Constant Climate Chambers	Water Baths
	Incubators	Peltier Cooled Incubators	Humidity Chambers	Ultra Low Temperature Freezers
	Sterilisers	CO ₂ Incubators	Stability Test Chambers	Pass Through Ovens

Contact	Head Office: Memmert GmbH + Co.KG P.O. Box 1720, D-91107 Schwabach, Germany Tel: +49 9122 925-0 Fax: +49 9122 14585 E-Mail: sales@memmert.com www.memmert.com	Local Sales & Support Office: Memmert India Laboratory Equipment Private Limited Manas, 64 Lokmanya Colony, Near Utsav Hall, Paud Road Kothrud, Pune 411038, Maharashtra, India Mobile: +91 8390786810 / +91 7720044027 E-mail: sales.india@memmert.com

www.memmert.com