



Environmental Test Chambers 'CTC/TTC' Series

In Memmert environmental test chambers CTC and TTC, the perfect atmosphere for climate and temperature tests, specifically in accordance with IEC 60068 are simulated. Ramp operation, active humidification and dehumidification of 10 to 98% rh and precise temperature control from - 42°C to + 190°C (without humidity), with humidity control from + 10 °C to +95 °C provide unlimited flexibility for controlled material and function tests as well as ageing tests.

Standard Equipment

Interior : Stainless steel, material 1.4301 (ASTM 304)

Housing : Textured stainless steel, rear zinc-plated steel, aesthetic functional glass-stainless steel operating panel with multifunction display and input module

Door : Stainless steel, fully insulated, heated

Connection : Mains cable with plug (CEE)

Installation : Mounted on lockable castors

Interfaces:



Ethernet interface is optional (extra cost)

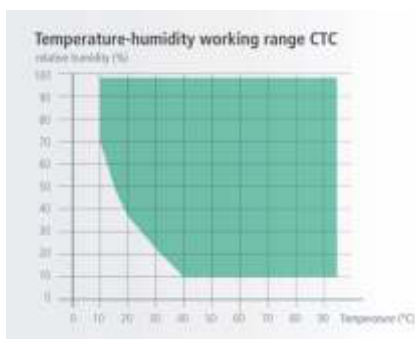
Salient Features

- Stainless steel interior and exterior
- High performance ring heaters with optimized air circulation
- High performance air fan in working chamber
- Door heating to avoid condensation
- Humidification by hot steam generator
- Visual and acoustic alarm
- Celsius software for control and documentation of temperature and relative humidity
- Integrated ring memory as data logger
- Programme stored in case of power failure
- Machine comes with lockable castors as standard

Environmental Test Chambers CTC / TTC (256 Lit)

Model sizes / Description			CTC 256	TTC256
Stainless steel interior	Volume		approx. l	256
	Width	(A)	mm	640
	Height	(B)	mm	670
	Depth	(C)	mm	597
	Support ribs for stainless steel grids		number	6
	Max. loading per grid		kg	25
	Max. loading of chamber		kg	100
Textured stainless steel exterior	Width (plus 20 mm for silicone plug and 5 mm for interfaces)	(D)	mm	898
	Height	(E)	mm	1730
	Depth (without door handle), depth of door handle 50 mm	(F)	mm	1100
	Fully insulated heated stainless steel door			●
	Lockable castors for ease of transport			●
Standard equipment	Stainless steel grids, electropolished		number	1
	Entry port right, 80 mm, with stopper			●
	High-performance air fan, speed adjustable in 10 % steps with monitoring function of fan speed and automatic speed adjustment			●
Temperature	Electronic microprocessor temperature controller with Pt100 and auto-diagnostic system			●
	Temperature sensors Pt100 Class A in 4-wire circuit for uninterrupted operation on failure of one Pt100 with warning indication		°C	double
	Temperature range with humidity control		°C	+10 to +95 °
	Temperature range without humidity control		°C	- 42 to +190
Humidity	Capacitive humidity sensor			●
Packing data	Net weight		approx. kg	337
	Gross weight		approx. kg	463
	Width		approx. mm	1020
	Height		approx. mm	1910
	Depth		approx. mm	1310
Order No. Climatic Test Chamber – Temperature Test Chamber			CTC256	TTC256

CE EAC



Accessories

1. Stainless steel grid
2. USB connection cable for computer interface
3. Additional chip card, blank, formatted
4. Oven linked authorisation card
5. Software confirming to "FDA Celsius FDA Edition"
6. Guarantee extension by 1 year

Options

- Full sight glass door, heated
- Door hinged on the left
- Entry Port hole 80 mm with stopper
- RS232 interface instead of USB
- Mobile ALERT, notification by SMS

product range

- Ovens
- Incubators
- Sterilisers
- Vaccum Ovens
- Peltier Cooled Incubators
- CO2 Incubators
- Constant Climate Chambers
- Humidity Chambers
- Stability Test Chambers
- Water & Oil Baths
- Clean Room Drying Ovens
- Pass Through Ovens