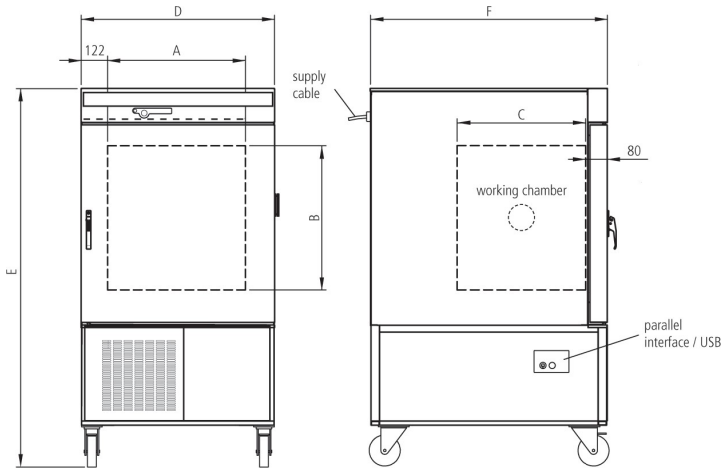
ENVIRONMENTAL TEST CHAMBERS CTC / TTC

according to DIN 12880:2007-05; EN 61010-1 (IEC 61010-1); EN 61010-2-010; IEC 60068

Standard units are safety-approved and bear the test marks: CE EAC

Interior:	stainless steel, material 1.4301 (ASTM 304)
Housing:	textured stainless steel 1.4016 (ASTM 430), rear zinc-plated steel 1.0037 (St37-2), aesthetic functional glass-stainless steel operating panel with multifunction display and input module
Door:	fully insulated stainless steel door with double-locking and 4-point adjustment, heated
Connection:	mains cable with plug (CEE)
Installation:	on lockable castors
Interfaces:	USB, printer interface, Ethernet LAN

Ethernet interface is optional (extra cost)



Model sizes/Description				CTC256	TTC256
Stainless steel interior	Volume		l	256	
	Width	(A)	mm	640	
	Height	(B)	mm	670	
	Depth	(C)	mm	597	
	Max. number of grids		number	6	
	Max. loading per grid/shelf		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 (with castors)	(E)	mm	1730	
	Depth (without door handle, depth of handle +50 mm)	(F)	mm	1100	
Standard equipment	Standard works calibration certificate (measuring point chamber center)		°C	+30 °C /60 % rh	-
	Standard works calibration certificate (measuring point chamber center)			-20 , +160	
	Stainless steel grid, electropolished		number	1	
	Entry port right, 80 mm, with stopper			●	
Temperature	Temperature range with humidity control		°C	+10 to +95	-
	Temperature range without humidity control		°C	-42 to 190	
	Setting accuracy		°C	up to 99.9: 0.1 / from 100: 0.5	
	Temperature change rate in heating operation (acc. to IEC 60068-3-5) -40 °C to +180 °C measured at an ambient temperature of 22 °C		K/min	10	
	Temperature change rate in cooling operation (acc. to IEC 60068-3-5) +180 °C to -40 °C measured at an ambient temperature of 22 °C		K/min	3	
	Temperature variation in time (setpoint dependent of min. temperature up to +150 °C and humidity > 20 %)		K	± 0,2 ... 0,5	
	Temperature uniformity in chamber (setpoint dependent)		K	± 0,5 ... 2	
Humidity	Setting range active humidity control		% rh	10 to 98	-
	Humidity stability in time		% rh	± 1 ... 3	-
Further data	Electrical load at 400 V, 3 ph, 50 Hz		W	7000	
Packing data	Net weight		kg	337	
	Gross weight (packed in carton)		kg	463	
	Width		mm	1020	
	Height		mm	1910	
	Depth		mm	1310	
Order No. Climatic Test Chamber – Temperature Test Chamber				CTC256	TTC256

Standard equipment included in the standard scope of delivery. Prices for options are only valid when ordering new appliances. Not all options/accessories are combinable with each other. Please contact us for individual combination requests.

Options	CTC256	TTC256
Voltage 230 V, 60 Hz, 32 A	X2	
Full-sight glass door (5-layer insulating glazing), heated	B0	
Entry port, left, 80 mm, with stopper	F0	
Door hinged on the left	B8	
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)	H6	
Interface Ethernet instead of USB including software	W4	
RS232 interface instead of USB	W6	
MobileALERT, notification by SMS in case of any error or alarm of the device (requires option H6)	C3	

Accessories	CTC256	TTC256
Stainless steel grid, electropolished	E20591	
External measuring instrument with sensors for daylight and UV-light, with additional measuring head for temperature and humidity. Product information on demand	B04714	-

Accessories | Software and Connectivity	CTC256	TTC256
Software conforming to FDA "Celsius FDA Edition". Meets the requirements for the use of electronically stored data sets and electronic signatures as laid down in Regulation 21 CFR Part 11 of the US Food and Drug Administration (FDA). Base licence for the control of one unit	E05019	
Integration of additional units (up to max. 15 units) into an already existent FDA-software licence (E05019)	FDAQ4	
External control and logging package consisting of mini-Notebook and software "Celsius", pre-configurated, and lateral swivel arm	B04410	
USB connection cable for computer interface	E03643	
Additional chip card, blank, formatted (32 kB MEMoryCard XL for a maximum of 40 ramps)	E04004	
Oven-linked authorisation card (User-ID-Card) prevents undesired manipulation by unauthorised third parties. When reordering please specify serial number	E04159	
Temperature profile write/read unit for programming via PC, for writing to and reading from the chip card, up to 40 ramps	E05284	

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