

CTS-Pharma-Climatic-Test-Chambers

Serie CP / TP

for long-term stability test with
highest testing precision.



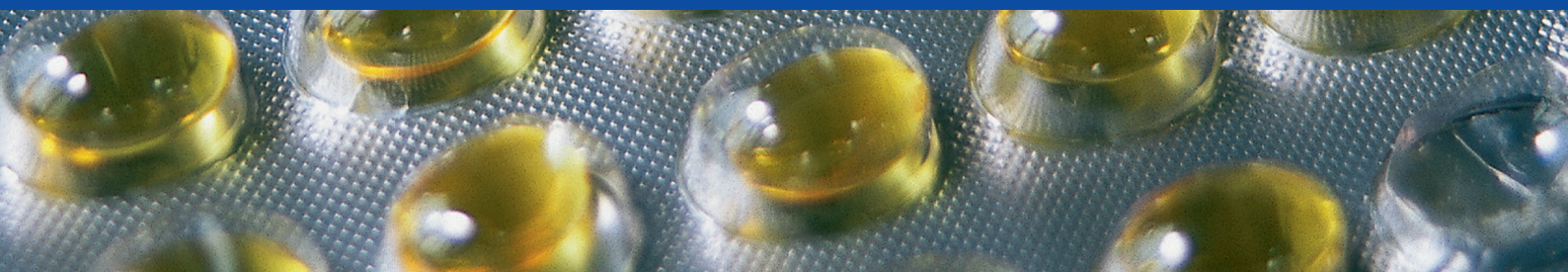
Test Space Capacity In Litres: 600 / 1200
Temperature Range: +10° C / +50° C; -20° C / +50° C
Humidity range: 10 - 90% r.H.
Dew Point Range: +7° C bis +45° C

Standard-Version of the Productline "CP/TP":

- ▶ Capacitive Multi-Touch-Display in the front
- ▶ Service-friendly capacitive humidity measurement system
- ▶ USB-Connection to save measuring data on USB Stick
- ▶ Casing in stainless-steel
- ▶ Single-hand operated door, lockable
- ▶ Interface RS 232
- ▶ 3 RVS shelves
- ▶ Entry port ø 50 mm on the right side
- ▶ Potential-free contact for malfunction signal

Your Benefits:

- ▶ Low consumption data
- ▶ Minimum noise level
- ▶ User-friendly operation and programming
- ▶ Uniform operation due to identical Multi-Touch-Display for all chamber sizes
- ▶ Internal and external material in stainless steel for easy cleaning
- ▶ Service-friendly construction



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600 / 1200 Ltr.

Type		CP 10/600 CP -20/600	CP 10/1200 CP -20/1200	TP 10/600 TP -20/600	TP 10/1200 TP -20/1200
Test space	Litres, appr.	600	1200	600	1200
Test space dimensions	hight mm, appr.	1369	1369	1369	1369
	width mm, appr.	594	2 x 540	594	2 x 540
	depth mm, appr.	673	673	673	673
Overall dimensions	hight mm, appr.	2090	2090	2090	2090
	width mm, appr.	733	1466	733	733
	depth mm, appr.	803	803	803	803
Shelves		3	6	3	6
Temperature test					
Temperature range	CP/TP+10/... °C	+10 / +50		+10 / +50	
	CP/TP -20/... °C	-20 / +50		-20 / + 50	
Temperature fluctuation	K	±0,5 temporally		±0,5 temporally	
Climatic test					
Temperature range	°C	+10 / +50			
Humidity range	% RH	10 / 90			
Dew point range	°C	+7 / +45			
Humidity fluctuation	% RH	±1 / 3			
Temperature fluctuation	K	±0,5 temporally			
Nominal voltage		230 V +6 / -10%, 1/N, 50 Hz			
Nominal power	CP/TP+10/... kW, appr.	1,6			
	CP/TP -20/... kW, appr.	2,0			
Refrigeration unit		aircooled			
Weight	CP/TP 600 kg, appr.	150			
	CP/TP 1200 kg, appr.	200			

All figures are average values which have been obtained at a temperature of +25°C, without test specimens, without thermal load and without accessories.

Design:

Control:	Multi-Touch-Display with integrated programm controller
Test space:	Stainless steel nr. 1.4301
Casing:	Stainless steel nr. 1.4301
Refrigerants:	Chloride free, hermetically sealed
Humidity system:	Capacitive measuring

Options:

- ▶ Add. entry ports ø 50 mm, 80 mm and 125 mm
- ▶ Add. shelves
- ▶ Add. Pt 100 for temperature measuring on test specimen
- ▶ Door with fullsize window (reduced dew-point-range < +30°C)
- ▶ Temperature protection for test-specimen
- ▶ CID software for programming and documentation
- ▶ Reservoir for humidification water
- ▶ Mobile design
- ▶ ETHERNET- interface

Other chamber sizes and options on request.

We reserve the right to make alterations due to technical development.

CTS Nederland B.V. ▲ Amperestraat 8 C ▲ 4004KB Tiel Netherlands

Tel: +31 (0) 344607917 Fax: +31 (0) 344607908

E-Mail: info@cts nederland.nl ▲ www.ctsnederland.nl