

CT

THERMOSTATIC CHAMBERS



GENERAL FEATURES:

TEMPERATURE RANGE:

+ 0 °C/ +50 °C ± 1°C or -20 °C/ +60 °C ± 1°C

INTERNAL AND EXTERNAL STRUCTURE:

entirely in stainless steel AISI 304.

THERMAL INSULATION:

self extinguishing foamed poliurethane

SERVICE DOOR:

frontal, with magnetic gasket

COOLING:

with hermetical unit and air condensation

REFRIGERATING PLANT:

CFC FREE, hermetical, air condensation

HEATING:

with electric resistance of low thermal inertia , protected by max temperature thermostat

REGULATION:

by means of a digital electronic regulator, proportional band with integral action, precision $\pm 0,1^{\circ}\text{C}$.
comprehensive of RS 485 interface.

VENTILATION:

by means of one / two helicoidal fan inside the air- treatment vane.

TECHNICAL FEATURES

| Code | Model | Capacity | Ext. Dimensions L x P x H | N° Shelves | Temper. Range | Door/s | Volt | Weight sped. Kg |
|----------|----------------|----------|------------------------------|------------|---------------|--------|----------|-----------------------|
| 01210150 | CT 520/ 0 | 520 | 730X690X2090 | 2 | 0 °C/+ 50 °C | 1 | 220/1/50 | 110 |
| 01210151 | CT 520/ 20 | 520 | 730X690X2090 | 2 | -20 °C/+ 60°C | 2 | 220/1/50 | 130 |
| 01210152 | CT 1200/ 0 | 1200 | 1460X690X2090 | 4 | 0 °C/+ 50 °C | 1 | 220/1/50 | 150 |
| 01210153 | CT 1200/ 20 | 1200 | 1460X690X2090 | 4 | -20 °C/+ 60°C | 2 | 220/1/50 | 170 |

STANDARD ACCESSORIES

| | |
|----------|------------------------------------|
| 01210125 | N.2 Adjustable shelves for CT 520 |
| 01210124 | N.4 Adjustable shelves for CT 1200 |
| 09910173 | Safety key lock |
| 01210180 | RS 485 Interface |
| 0920195 | Regulator |

OPTIONAL ACCESSORIES

- 09921197 Software for the monitoring, recording and print of the temperature datas at a distance
- 09921179 Microprocessor Programmer
- 09910148 Glass Doors (only for models with 0°C/ + 50 °C)
- 09915146 Side hole of diameter mm 35
- 09915146 Side hole of diameter mm 50
- 09920125 Adjustable shelves
- 09920130 Stainless steel adjustable drawer
- 09920101 Lighting with timer, lux 5000, for CT 520
- 09920103 Lighting with timer, lux 5000, for CT 1200
- 09912150 Temperature range extension for CT 520 from -20 °C to +60 °C (models 0°C/ + 50 °C only)
- 09912151 Temperature range extension for CT 1200 from -20 °C to +60 °C (models 0°C/ + 50 °C only)
- 09912152 Vane humidification system until saturation with water vapour generator (models with 0°C/ + 50 °C only)
- 09912153 Radiation system with fluorescent lamps, UV-B emission, for tests of accelerated aging
- 09912154 Radiation system with fluorescent lamps, UV-A emission, for tests of accelerated aging
- 09912155 Radiation system with xenon arc lamps with "TOTAL UV" emission, for tests of accelerated aging
- 09912156 Rack for containment of samples in 304 stainless steel, for tests of "UV" aging

Characteristics and data can be modified without forewarning.

C.T.I. s.r.l.

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