

# CH 250 Climatic Chamber

Code: 41201422



## TECHNICAL DATA SHEET

### Standards applied

|                  |                                                            |
|------------------|------------------------------------------------------------|
| Warranty [years] | 2 anni                                                     |
| Regulations      | 2006/95/EC - 2004/108/EC - EN61326-1:2006 - EN61010-1:2010 |

### Performance [\*In accordance with IEC 60068-3-6]

|                                                                |                                                                 |
|----------------------------------------------------------------|-----------------------------------------------------------------|
| Capacity                                                       | 250 L                                                           |
| Setting range humidity                                         | 45% ... 95% - RH-Off L %RH                                      |
| Setting temperature range                                      | +10...+70 °C (with humidity) / 0...+85 °C (without humidity) °C |
| Relative humidity fluctuation*                                 | ± 3% (15...65°C / 50...95% RH)                                  |
| Temperature fluctuation* with humidity                         | ±0,5 °C (+15...+65 °C / 50...90 %RH)                            |
| Relative humidity fluctuation* at 25°C / 50% RH                | ± 0,5 % RH                                                      |
| Relative humidity gradient* at 25°C / 50% RH                   | 3 % RH                                                          |
| Relative humidity variation in space* at 25°C / 50% RH         | 3 % RH                                                          |
| Temperature fluctuation* with humidity at 25°C / 50% RH        | ± 0,1°C                                                         |
| Temperature gradient* with humidity at 25°C / 50% RH           | 0,5°C                                                           |
| Temperature variation in space* with humidity at 25°C / 50% RH | 0,5°C                                                           |
| Resolution                                                     | 0,01 °C / 0,1% RH                                               |

### Features

|                            |                                        |
|----------------------------|----------------------------------------|
| Security class (DIN 12880) | 3.1                                    |
| Maximum shelf load         | 10 kg                                  |
| Number of shelves          | 3                                      |
| Maximum number of shelves  | 12                                     |
| Programs                   | 120 Customisable programmes with ramps |
| Working method             | Forced ventilation                     |
| Timer                      | (99:59 e Fix) hh:mm                    |
| Data transfer              | Yes, via USB stick                     |
| Display                    | 7" touchscreen                         |
| Multi-user                 | Yes                                    |

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|                     |         |
|---------------------|---------|
| Internal DataLogger | Yes     |
| Graph               | Yes     |
| Useful volume       | 250 L   |
| coolant type        | R1234ZE |
| coolant quantity    | 800 g   |

Feeds

|                |            |
|----------------|------------|
| Power supply   | 220 ±10% V |
| Frequency      | 50/60 Hz   |
| Absorbed power | 2200 W     |

Dimensions and weight

|                                  |                     |
|----------------------------------|---------------------|
| Dimensions (WxDxH)               | 740 x 885 x 1680 mm |
| Internal dimensions (WxDxH)      | 600 x 500 x 830 mm  |
| External tank dimensions mm      | 200 x 370 x 450 mm  |
| Minimum distance between shelves | 45 mm               |
| Weight                           | 185 kg              |