



## WELDED WALK-IN CLIMATIC TEST CHAMBER FOR MECHATRONIC PARTS

### MODEL, CCK-40/12936T

#### GENERAL:

**Mechatronics** is a fundamental pillar for developing manufacturing processes by combining mechanics, electronics, computing and control. This branch of engineering is key to the automotive sector, combining mechanical, electrical, electronic and sensor systems. Within the automotive sector, mechatronics plays a fundamental role in a sector that is constantly trying to develop new and better technologies.

The **CCK-40/12936T** chamber has been developed according to the specifications of one of the main customers within the mechatronics sector, so that the different elements can be tested to ensure the comfort, safety and efficiency of the vehicle.



DYCOMETAL EQUIPOS DE C.C., S.L.

C/ De la Ciència, 35-37

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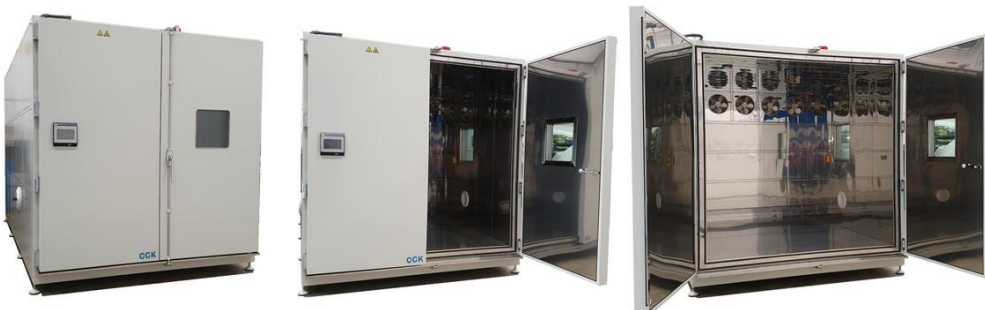
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## TECHNICAL FEATURES:

- Volume: 12.936 liters.
- Internal dimensions: 2.100 x 2.200 x 2.800 mm (H x W x D).
- External dimensions: 2.500 x 4.220 x 2.503 mm (H x W x D).
- Temperature range: from  $-40\text{ }^{\circ}\text{C}$  to  $+100\text{ }^{\circ}\text{C}$ .
- Relative humidity range: from 10 % to 97 % R.H. with a dew point:  $+5\text{ }^{\circ}\text{C}$  to  $+89\text{ }^{\circ}\text{C}$
- Temperature change rates acc. IEC 60068-3-5:  $1\text{ }^{\circ}\text{C}/\text{min}$  cooling and  $2\text{ }^{\circ}\text{C}/\text{min}$  heating.
- Interior and exterior made in stainless steel.
- Double wing door with access to the total area of the workspace.
- 2 windows, one on the door and the other window on the side.
- 2 access ports of 200 mm  $\varnothing$ .
- Control by a color touch screen 7" panel with communication port Ethernet and USB to extract the values on the tests.
- Remote control and data acquisition software.
- Height-adjustable legs.
- Air cooled condenser placed at a distance of 25 meters from the chamber.
- CE mark.



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