

DATASHEET

Binder MK 720 temperature testing

The Binder temperature test chamber at CMR is available for testing equipment over a wide range of temperatures and is suitable for soak testing, cycling, environmental stress screening etc.



The temperature in the chamber is programmed from the controlling PC which allows easy repetition of temperature cycles. The same PC also logs the temperature in the chamber. Two access ports are provided (on right hand side) for the connection of cables, these ports are 50 mm in diameter. Adjustable shelving allows testing of several small components simultaneously, alternatively removal of the shelving allows testing of larger units. A calibrated precision Pt-100 thermometer ($\pm 0.015\text{ }^{\circ}\text{C}$) is also available for cross-checking the temperature in the chamber.

CMR's temperature test chamber is one of a range of facilities that is available to clients. In addition we can offer pressure chambers (including combined pressure and temperature testing), vibration testing and a variety of flow rigs for gases and liquids.

SPECIFICATIONS	
Make & type	Binder MK 720
Temperature range	-40 to +180 °C
Maximum rate of change	Heating: ~ 5 °C/min Cooling: 1.5 – 4 °C/min
Temperature control	Programmable set points and cycles from logging PC or manual set points from front panel
Internal dimensions	1.2 x 1.0 x 0.6 m (height x width x depth)
Maximum load	40 kg (single item) 120 kg (distributed)
External access ports for cabling	2 ports of 50 mm diameter
Further information	CMR.Test.Centre@cmr.no