

## 德国 Weiss Umwelttechnik Temperature and Climate Test

### Chambers and Rooms 高温低温 气候试验箱

Characteristics, function and service life of systems or components are influenced by varying thermal and climatic conditions during transport, storage and use. For this reason, tests have to be carried out in order to safeguard and optimise the quality of the product. The temperature and climate test chambers produced by Weiss Umwelt technik set standards with regard to ease of operation, performance and equipment.

**WT3/WK3** Perfection in performance, equipment and design

**WT/WK** Walk-In Temperature and Climate Test Chambers

**M.C.S.** Test Chambers of Modular Constructions

**WT** Perfect for Application in Factories and Laboratories

**WTL/WKL** Compact Dimensions – High Performances. Perfect for application in the laboratory

**Stability Test and Climate Cycling Chambers** Developed and Proven for Stability Climate Tests

## WT



### Perfect for Application in Factories and Laboratories

The test chambers of the WT series are both highly effective and economical. They are equipped with everything which is required to perform cold-heat tests in extreme ranges complying with the relevant standards. Due to their compact dimensions these chambers are perfectly suitable where space is limited in factories and laboratories.

#### Features

- Compact design
- Easy operation
- low noise level
- beneficial price / performance ratio
- Plug-in design, connection to shock-proof socket
- Low connected load

- 3.5'' TFT colour touch panel with simple, menu-guided user interfaces as a convenient interface with the operator (no programming knowledge necessary)
- USB and Ethernet interface
- High-precision temperature conditions
- Networking with other test systems possible
- Remote control and remote monitoring possible via intranet or internet
- Integrated service information system
- low energy consumption

### Standard Version

- digital measuring and control system Simpac
- 3,5'' TFT-colour touch panel for convenient entering of fixed values and programs with graphic representation of the target
- Simpati Program Tool
- Refrigeration unit, air-cooled
- Port 50 mm Ø in the right side panel
- safety cut-out against high temperatures (protection of test specimen)
- Ethernet and USB interface
- potential-free contact for specimen disconnection
- calibration of 2 temperature values

### Options

- Observation window with test space illumination
- Software Simpati
- Temperature measurement on specimen
- Compressed air drier
- Additional access ports
- Rack with shelf
- additional shelves
- laboratory trolley for WT 64, 120 and 240



## 高温低温试验

### 是提高产品质量的基本方法

事实证明，温度将影响材料、器件和整机的性能、可靠性和耐久性。我们的目的是再现影响产品的实际环境条件从而提高产品的可靠性指标。

**Weiss Umwelttechnik KWP** 系列试验箱内进行高温低温试验，是提高产品质量的基本方法。 该系列试验箱，接上电源即可投入使用，并配有不锈钢门、观测窗和试验程序控制器，操作便捷。

4 种尺寸试验箱	64 ... 450 升
温度范围	-70/-75 ... +130° C

**Weiss Umwelttechnik WT1** 和 **WT11** 系列试验箱，结构紧凑，使用和维护费用低廉。图文触摸屏操作便捷，其核心是最新一代 32 位 **S!MCON/32** 数字测量控制系统。保证最佳控制性能并能贮存 100 个试验程序。

5 种尺寸试验箱	180 ... 1500 升
温度范围	-40/-75 ...
	+180° C

在航空、航天和汽车工业，元器件经常暴露于快速温变甚至温度热冲击的环境中。为了保证这些元器件的质量，韦思公司特意设计了温度热冲击试验箱 **TS130** 型。

吊篮容积	130 升
温度范围高温箱	+60 ... +220° C
低温箱	-10 ... - 80° C



## 高温—低温—湿热试验 是产品防护的最佳试验

除了温度变化因素，相对湿度也将影响产品的质量。因此湿热试验是质量试验领域的优选标准。

Weiss Umwelttechnik WK1 及 WK11 系列试验箱，采用专门开发的气候化系统和智能控制技术，展示了这一领域的最新技术。

图文触摸屏操作便捷，其核心是最新一代 32 位 S!MCON/32 数字测量控制系统。保证最佳控制性能并能贮存 100 个试验程序。连接计算机控制软件 S!MPATI，可进行试验数据存档和分析。

创意设计，多层电加热大尺寸观测窗允许观测整个试验空间。

5 种尺寸试验箱	180…1500 升
温度范围	-40/-70…+180° C
温度范围(湿热试验时)	+10…+95° C
相对湿度范围	10…98%r. h.

Weiss Umwelttechnik WK111 系列试验箱特别为进行长期恒温 恒湿试验而设计，可重复模拟不同季节和全球气候区域的各种气候环境条件及在 40° C 和 75%r. h. 条件下的应力试验。

4 种尺寸试验箱	300…1500l
温度范围	-10/-5/0/+10…+90° C
温度范围(湿热试验时)	+10…+90° C
相对湿度范围	10…90%r. h.

