memmert
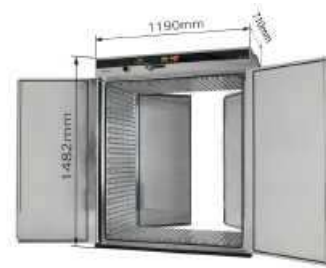
# Universal oven "pass-through version"

# Model UFP800TS



## Standard equipment

### Ventilation and Control

- forced air circulation by quite air turbine, adjustable in 10% steps for each segment individually

- adjustment of pre-heated fresh air admixture by air flap control in 10% steps for each segment individually

- vent connection with restrictor flap

- adaptive, fuzzy-supported multifunctional digital microprocessor PID-controller

- self-diagnostics for fault analysis

- 2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value

- digital 7-day programme timer with real time clock, precise minute setting, for one set value or start of ramp operation

- integrated timer for tempering profiles of up to 40 ramps each, each segment adjustable from 1 min. to 999 hrs.

- multifunctional programming via menu on 8-digit alphanumeric digital display (language to be chosen via set-up):
  tempering profiles of up to 40 ramps
  time- and set-point dependent operation
  speed of air turbine in 10% steps

- digital display of all set parameters, such as temperature, weekdays, time, fan speed, programme status and set-up values

- resolution of display for setpoint values 0.1°C up to 99.9°C, 0.5°C from 100°C

- resolution of display for actual values 0.1°C

- integrated ring memory as data logger for GLP-conforming long-term documentation of all relevant parameters - 1024 kB

- programme stored in case of power failure

- parallel printer interface (incl. real time clock with date function) for all PCL3-compatible ink jet printers for GLP-conforming documentation

### Multiple Overtemperature Protection

- with audible and visual alarm

- independently working, digitally adjustable electronic micro-processor overtemperature monitor TWW, protection class 3.1 (max-value for overtemperature, min-value for undertemperature)

- additionally integrated over- and undertemperature protection "ASF", automatically following the setpoint value at a preset tolerance range; alarm in case of over- or undertemperature, heating is switched off in case of overtemperature

- resolution of display/setting accuracy 0.5°C up to 99.9°C, 1°C from 100°C

- mechanical temperature limiter TB, protection class 1 according to DIN 12 880 to switch off the heating approx. 20°C above nominal temperature

### Textured Stainless Steel Casing

- w x h x d: 1190 x 1482 x 710 mm

- fully insulated stainless steel doors on two sides

- pass-through version

- with feet

### Interior - Heating Concept

- w x h x d: 1040 x 1200 x 600 mm, 749 l

- easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides

- 2 stainless steel grids

- Max. loading of chamber: 300 kg

### Temperature Range

- min. 10°C above ambient up to +220°C

**Voltage / Power Rating**

- 400 V (+/ 10%), 3 phases/N, 50/60 Hz /
  approx. 4.800 W

**Packing Data**

- net weight approx. 180 kg

- gross weight carton approx. 248 kg

- dimensions approx.:
  carton w x h x d: 132 x 184 x 91 cm

- the appliances must be transported upright

**Customs Tariff Number**

- 8419 8998

**Country of Origin**

- Federal Republic of Germany

**WEEE-Reg.-No.**

- DE 66812464