

## Universal oven

### Model UN450



## Standard equipment

### Ventilation and Control

- natural convection
- adjustment of pre-heated fresh air admixture by air flap control in 10 % steps
- vent connection with restrictor flap
- adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-colour display
- self-diagnostics for fault analysis
- 1 Pt100 sensor DIN class A in 4-wire-circuit
- Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
- parameters adjustable on ControlCOCKPIT: temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime
- SetpointWAIT function - the process time does not start until the set temperature is reached
- AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software available as accessory (on demand).
- Setting of languages on ControlCOCKPIT: German/English/Spanish/French
- resolution of display for setpoint values 0.1 °C up to 99.9 °C, 0.5 °C from 100 °C and for actual values 0.1 °C (LED)
- calibration facility directly at ControlCOCKPIT for three freely selectable temperature values
- programme stored in case of power failure
- incl. works calibration certificate for +160 °C

### Overtemperature protection (double)

- adjustable electronic overtemperature monitor and mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20 °C above nominal temperature

### Textured Stainless Steel Casing

- w x h x d: 1224 x 1247 x 784 mm
- fully insulated stainless steel doors with 2-point locking (compression door lock)
- rear zinc-plated steel
- on lockable castors

### Interior - Heating Concept

- w x h x d: 1040 x 720 x 600 mm, 449 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. 5 °C above ambient up to +300 °C

### Voltage / Power Rating

- 400 V (+/- 10 %), 3 phases/N, 50/60 Hz / approx. 5.800 W

### Packing Data

- net weight approx. 170 kg
- gross weight carton approx. 236 kg
- dimensions approx.:  
carton w x h x d: 133 x 144 x 105 cm

- the appliances must be transported upright

**WEEE-Reg.-No.**

- DE 66812464

**Customs Tariff Number**

- 8419 8998

**Country of Origin**

- Federal Republic of Germany