

## Universal oven "Paraffin Oven"

### Model UN160pa

#### Standard equipment

##### Ventilation and Control

- natural convection
- adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays
- 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 timer adjustable from 1 minute to 99 days
- parameters adjustable on ControlCOCKPIT: temperature (Celsius or Fahrenheit), programme time, time zones, summertime/wintertime
- SetpointWAIT function - the process time does not start until the set temperature is reached
- HeatBALANCE function for adapting the distribution of the heating performance of the upper and lower heating circuit from -50% to +50%
- Setting of languages on ControlCOCKPIT: German/English/Spanish/French
- resolution of display for setpoint and actual temperature values 0.1 °C
- calibration facility directly at ControlCOCKPIT for three freely selectable temperature values
- programme stored in case of power failure
- incl. works calibration certificate for +80 °C

##### Multiple Overtemperature Protection

- with audible and visual alarm
- overtemperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display
- additionally integrated over- and undertemperature monitor "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
- 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: 745 x 1107 x 584 mm
- fully insulated stainless steel door with 2-point locking (compression door lock)
- rear zinc-plated steel

##### Interior - Heating Concept

- w x h x d: 560 x 720 x 400 mm, 161 l
- easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
- nearly gas-tight interior
- 2 stainless steel grids
- Max. loading of chamber: 210 kg

##### Temperature Range

- min. 5 °C above ambient up to +80 °C

##### Voltage / Power Rating

- 230 V (+/- 10%), 50/60 Hz / approx. 3.200 W
- 115 V (+/- 10%), 50/60 Hz / approx. 2.200 W

##### Packing Data

- net weight approx. 96 kg
- gross weight carton approx. 112 kg
- dimensions approx.:  
carton w x h x d: 85 x 136 x 79 cm
- the appliances must be transported upright

##### Customs Tariff Number

- 8419 8998

##### Country of Origin

- Federal Republic of Germany

##### WEEE-Reg.-No.

- DE 66812464

