## UN750m

The heating oven Um is a Class I medical device.

This universal oven made of high-quality hygienic, easy to clean stainless steel feaves nothing to be desired in terms of ventilation technology, control technology, overtempratur proction and perfegty tuned heating technology.


## Temperature

| Working temperature range | at least $5(\mathrm{UN} / \mathrm{UNplus} / \mathrm{UNm} / \mathrm{UNmplus})$ or 10 (UF/UFplus/UFm/UFmplus) above ambient temperature <br> to $+300^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Setting accuracy <br> temperature | up to $99.9^{\circ} \mathrm{C}: 0.1 /$ from $100^{\circ} \mathrm{C}: 0.5$ |
| Setting temperature range | +20 to $+300^{\circ} \mathrm{C}$ |
| Temperature sensor | $1 \mathrm{Pt100}$ sensor DIN class A in 4-wire-circuit |

## Control technology

| Language setting | German, English, Spanish, French, Polish, Czech, Hungarian |
| :--- | :--- |
| ControICOCKPIT | SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition |
|  | TFT-colour display |
| Timer | Digital backwards counter with target time setting, adjustable from 1 minute to 99 days |
| Function SetpointWAIT | the process time does not start until the set temperature is reached |
| Calibration | three freely selectable temperature values |
| adjustable parameters | temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, <br> summertime/wintertime |

## Ventilation

| Convection | natural convection |
| :--- | :--- |
| Fresh air | Admixture of pre-heated fresh air by electronically adjustable air flap |
| Vent | vent connection with restrictor flap |

## Communication

| Documentation | programme stored in case of power failure |
| :--- | :--- |
| Programming | AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet <br> interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software <br> available as accessory (on demand). |

## Safety

| Temperature control | adjustable electronic overtemperature monitor and mechanical temperature limiter TB, protection class |
| :--- | :--- |
|  | 1 according to DIN 12880 to switch off the heating approx. $20^{\circ} \mathrm{C}$ above nominal temperature |
| Autodiagnostic system | for fault analysis |

## Standard equipment

| Works calibration certificate | Calibration at $+160^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Door | fully insulated stainless steel doors with2-point locking (compression door lock) |
| Internals | 2 stainless steel grid(s), electropolished |

## Stainless steel interior

| Interior | easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and <br> protected large-area heating on four sides |
| :--- | :--- |
| Volume | 749 l |
| Dimensions | $\mathrm{w}_{(\mathrm{A})} \times \mathrm{h}_{(\mathrm{B})} \times \mathrm{d}_{(\mathrm{C})}: 1040 \times 1200 \times 600 \mathrm{~mm}$ |
| Max. number of internals | 14 |
| Max. loading of chamber | 300 kg |
| Max. loading per internal | 30 kg |

## Textured stainless steel casing

| Dimensions | $\mathrm{w}_{(\mathrm{D})} \times \mathrm{h}_{(\mathrm{E})} \times \mathrm{d}_{(\mathrm{F})}: 1224 \times 1720 \times 784 \mathrm{~mm}(\mathrm{~d}+56 \mathrm{~mm}$ door handle $)$ |
| :--- | :--- |
| Installation | on lockable castors |
| Housing | rear zinc-plated steel |

## Electrical data

Voltage 400 V and $3 \times 230 \mathrm{~V}$ w/o neutral, $50 / 60 \mathrm{~Hz}$ approx. 7000 W
Electrical load

## Ambient conditions

| Set Up | The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance <br> from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances <br> must not be less than 5 cm. |
| :--- | :--- |
| Altitude of installation | max. $2,000 \mathrm{~m}$ above sea level |
| Ambient temperature | $+5^{\circ} \mathrm{C}$ to $+40^{\circ} \mathrm{C}$ |
| Humidity rh | max. $80 \%$, non-condensing |
| Overvoltage category | II |
| Pollution degree | 2 |

## Packing/shipping data

| Transport information | The appliances must be transported upright |
| :--- | :--- |
| Customs tariff number | 84198998 |
| Country of origin | Federal Republic of Germany |
| WEEE-Reg.-No. | DE 66812464 |
| Dimensions approx incl. <br> carton | $\mathrm{w} \times \mathrm{h} \times \mathrm{d}: 1330 \times 1910 \times 1050 \mathrm{~mm}$ |
| Net weight | approx. 217 kg |
| Gross weight carton | approx. 288 kg |

## Standard units are safety-approved and bear the test marks

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LISTED

