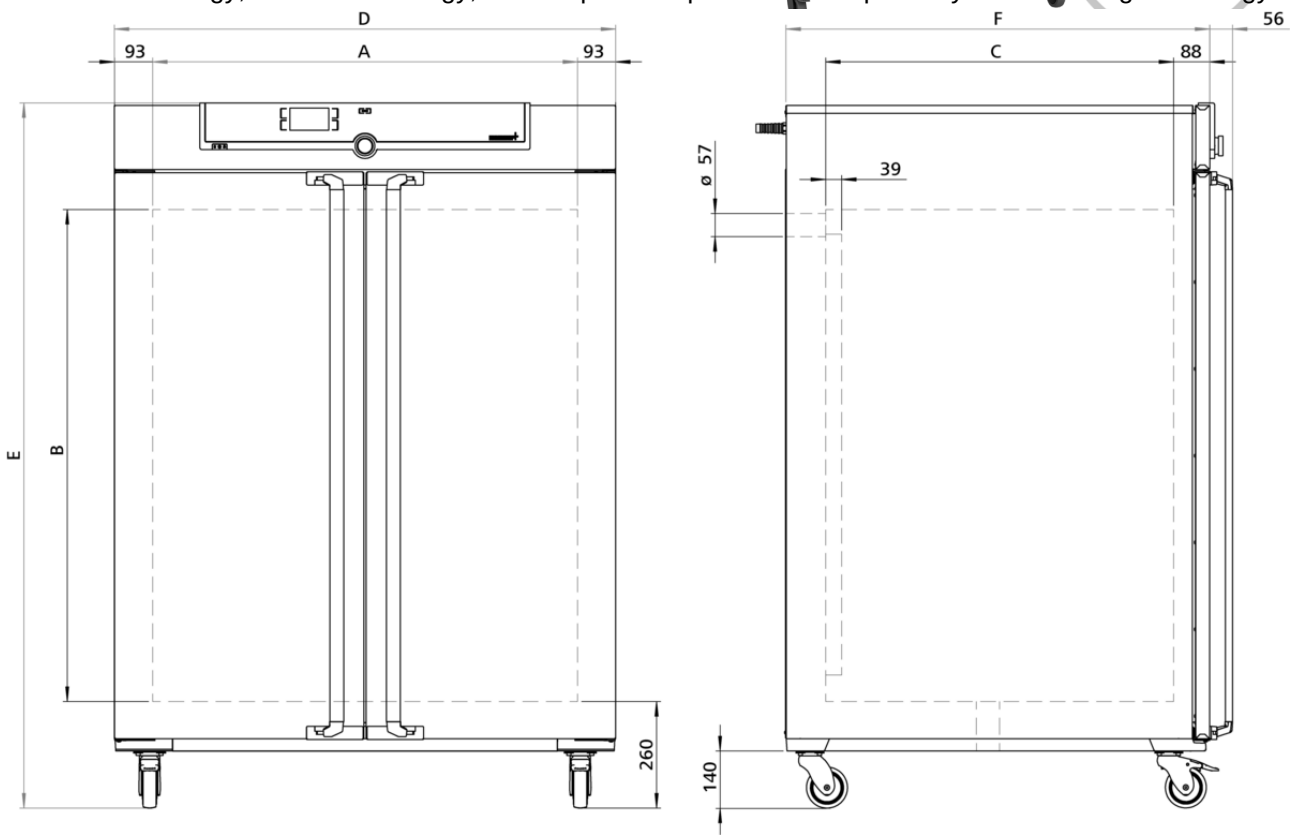
## UF1060m



The heating oven Um is a Class I medical device.

This oven made of high-quality hygienic, easy to clean stainless steel leaves nothing to be desired in terms of ventilation technology, control technology, overtemperature protection and perfectly tuned heating technology.





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## Temperature

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

## Control technology

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|---|---|
| **ControlCOCKPIT** | 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), fan speed, air flap position, programme time, time zones, summertime/wintertime |

## Ventilation

| | |
|---|---|
| **Fan** | forced air circulation by 2 quiet air turbines, adjustable in 10 % steps |
| **Fresh air** | Admixture of pre-heated fresh air by electronically adjustable air flap |
| **Vent** | vent connection with restrictor flap |

## Communication

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|---|---|
| **Documentation** | programme stored in case of power failure |
| **Programming** | AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet interface (temporary trial version can be downloaded). Licence for AtmoCONTROL software 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°C above nominal temperature |
| **Autodiagnostic system** | for fault analysis |

## Stainless steel interior

| | |
|---|---|
| **Dimensions** | w(A) x h(B) x d(C): 1040 x 1200 x 850 mm (d less 39 mm for fan) |
| **Interior** | easy-to-clean interior,made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides |
| **Volume** | 1060 l |
| **Max. number of internals** | 14 |
| **Max. loading of chamber** | 300 kg |
| **Max. loading per internal** | 60 kg |

## Standard equipment

| | |
|---|---|
| **Works calibration certificate** | Calibration at +160°C |
| **Door** | fully insulated stainless steel doors with2-point locking (compression door lock) |
| **Internals** | 2 stainless steel grid(s), electropolished |

## Textured stainless steel casing

| | |
|---|---|
| **Dimensions** | w(D) x h(E) x d(F): 1224 x 1720 x 1035 mm (d +56mm door handle) |
| **Installation** | on lockable castors |
| **Housing** | rear zinc-plated steel |

## Electrical data

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|---|---|
| **Voltage**<br>**Electrical load** | 400 V and 3x 230 V w/o neutral, 50/60 Hz approx. 7000 W |

## Ambient conditions

| | |
|---|---|
| **Set Up** | The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm. |
| **Altitude of installation** | max. 2,000 m above sea level |
| **Ambient temperature** | +5 °C to +40 °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** | 8419 8998 |
| **Country of origin** | Federal Republic of Germany |
| **WEEE-Reg.-No.** | DE 66812464 |
| **Dimensions approx incl. carton** | w x h x d: 1370 x 1970 x 1300 mm |
| **Net weight** | approx. 252 kg |
| **Gross weight carton** | approx. 416 kg |

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