

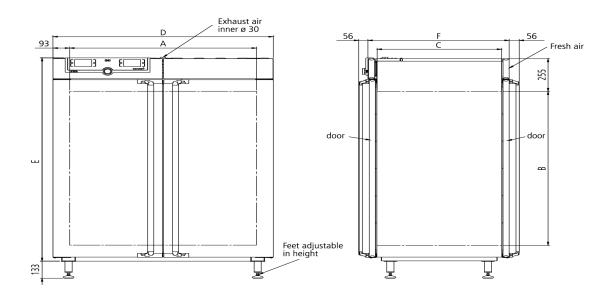
Pass-through oven

UF750TS

The Memmert pass-through oven saves time when loading and reduces the danger of contamination, especially when directly transporting the chamber load between the grey room and the clean room.



The Memmert heating oven with fully insulated stainless steel door on both sides saves time during loading and reduces the risk of contamination, specially when handling sensitive load between grey and clean rooms. On this page, you can find all the essential technical data on our pass-through oven. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at myAtmoSAFE@memmert.com.



Temperature		
Setting temperature range in °C	min. 10°C above ambient up to +250°C	
resolution of display for actual values	0.1°C	
Temperature	2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at th same temperature value	
Control technology		
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.	
Language setting	German, English, Spanish, French, Polish, Czech, Hungarian	
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days	
Function HeatBALANCE	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 $\%$ to +50 $\%$	
Function SetpointWAIT	the process time does not start until the set temperature is reached	
Calibration	three freely selectable temperature values	
Ventilation		
Ventilation Fan Fresh air admixture	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	
Fan	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually	
Fan Fresh air admixture	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment	
Fan Fresh air admixture Vent Communication	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap	
Fan Fresh air admixture Vent	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually	
Fan Fresh air admixture Vent Communication Documentation	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes	
Fan Fresh air admixture Vent Communication Documentation Programming	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes	
Fan Fresh air admixture Vent Communication Documentation Programming Safety	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port independently working, digitally adjustable electronic micro-processor overtemperature monitor TWW,	
Fan Fresh air admixture Vent Communication Documentation Programming Safety Temperature control	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port independently working, digitally adjustable electronic micro-processor overtemperature monitor TWW, protection class 3.1 (max-value for overtemperature, min-value for undertemperature) mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating	
Fan Fresh air admixture Vent Communication Documentation Programming Safety Temperature control Temperature control	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually vent connection with restrictor flap programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port independently working, digitally adjustable electronic micro-processor overtemperature monitor TWW, protection class 3.1 (max-value for overtemperature, min-value for undertemperature) mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature 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	

Standard equipment

Internals	2 stainless steel grid(s), electropolished
Door	fully insulated stainless steel doors on two sides
Installation	with feet

Stainless steel interior

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	749 l
Dimensions W x H x D in mm	w _(A) x h _(B) x d _(C) : 1040 x 1200 x 600 mm
Max. number of internals	14
Max. loading of chamber	300 kg
Max. loading per internal	30 kg

Textured stainless steel casing

pass-through version

Dimensions	w _(D) x h _(E) x d _(F) : 1224 x 1714 x 782 mm	
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Ambient conditions

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

The appliances must be transported upright
8419 8998
Federal Republic of Germany
DE 66812464
B x H x T: 1330 x 1920 x 1050 mm
approx. 260 kg
approx. 331 kg

Standard units are safety-approved and bear the test marks

