

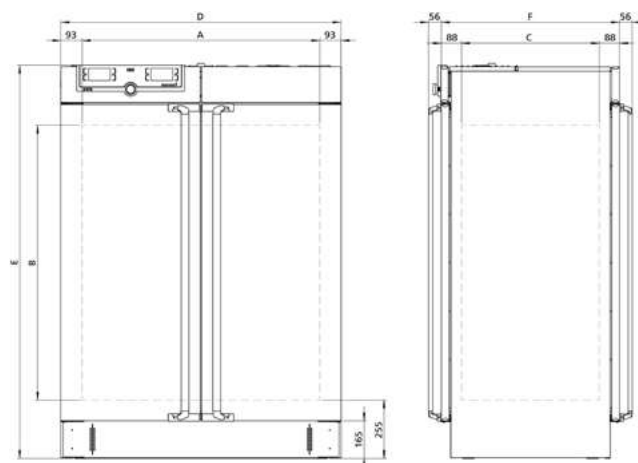
## PASS-THROUGH OVENS UF TS

according to DIN 12880:2007-05; EN 61010-1 (IEC 61010-1); EN 61010-2-010

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



- Interior: stainless steel, material 1.4301 (ASTM 304), with all-round deep-drawn ribs to integrate the large area heating with ceramic-metal sheath
- Housing: textured stainless steel 1.4016 (ASTM 430), intuitively operated TwinDISPLAY (TFT colour display) with touchscreen
- Door: fully insulated stainless steel doors with 2-point locking (compression door lock), from size 450 two leaves
- Connection: mains cable with plug (German type) CEE plug for 400 V
- Installation: 4 adjustable appliance feet
- Interfaces:



Model sizes/Description				160	260	450	750
Stainless steel interior	Volume	l		161	256	449	749
	Width	(A)	mm	560	640	1040	
	Height	(B)	mm	720	800	720	1200
	Depth	(C)	mm	400	500	600	
	Max. number of grids/shelves	number		8	9	8	14
	Max. loading per grid/shelf	kg		20		30	
	Max. loading of chamber	kg		210	300		
	Max. loading per slide-in drip tray	kg		3	4	8	
	Max. loading per bottom drip tray	kg		3	4	8	
Textured stainless steel exterior	Width	(D)	mm	745	825	1224	
	Height	(E)	mm	1233	1314	1233	1714
	Depth (without door handle, depth of handle 2x +56 mm)	(F)	mm	582	682	782	
Standard equipment	Standard works calibration certificate (measuring point chamber center)	°C		+ 160			
	Stainless steel grid, electropolished	number		2			
Temperature	Working temperature range	°C		at least 10 above ambient temperature up to +250			
	Setting temperature range	°C		+20 to +250			
	Setting accuracy	°C		up to 99.9: 0.1 / from 100: 0.5			
Further data	Electrical load at 230 V, 50/60 Hz	W		3200	3400	-	
	Electrical load at 115 V, 50/60 Hz	W		1800		-	
	Electrical load at 400 V and 3 x 230V w/o neutral, 50/60 Hz	W		-		5800	5000
	Electrical load at 3 x 208 V w/o neutral, 50/60 Hz	W		-		4800	4080
Packing data	Net weight	kg		120	138	213	260
	Gross weight (packed in carton)	kg		146	189	279	331
	Width	mm		830	930	1330	
	Height	mm		1300	1380	1450	1920
	Depth	mm		800	930	1050	
Order No. Pass-Through Ovens				UF160TS	UF260TS	UF450TS	UF750TS

Options	160	260	450	750
Voltage 115 V, 50/60 Hz	X2		-	
Temperature restriction; Temperatures: +60, +70, +80, +95, +100, +120, +160, +180 or +200 °C (Please indicate upon ordering)			A8	
Full-sight glass door (4 layer insulating glass) - extra cost per side - Temperature-range up to max. +250 °C			B0	
Chamber modification for the application of reinforced perforated stainless steel shelves or stainless steel grids (bearing rails mounted in the working chamber) - includes replacement of standard grids by reinforced grids	-		K1	
Entry port with 23 mm clear diameter, can be closed, standard position	left centre/centre	F0		
	left centre/top	F1		
	right centre/centre	F2		
	right centre/top	F3		
Entry port with 23 mm clear diameter, can be closed, individual position (please state position)	left	F4		
	right	F5		
Locking mechanism to prevent simultaneous opening of doors for contamination protection in case of wall installation (requires option V5)			D5	
4 - 20 mA current loop interface (0 to +260 °C = 4 - 20 mA)	Temperature controller, actual value		V3	
	Temperature of a Pt100 sensor positioned flexibly in chamber for external temperature monitoring (max. 3) - price per sensor		V6	
Fan speed monitoring with switching off the heating and with alarm in case of failure			V4	
Door with lock (safety lock); per side			B6	
Door hinged on the left; price per side	B8	-		
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)			H6	
Potential-free contact (24 V/2 A) with socket, for signal generation, controlled by programme segment, for free-selectable functions to be activated (e.g. activation of audible and visual signals, exhaust motors, fans, stirrers, etc.). Only for units with TwinDISPLAY	2 contacts	H72		
Process-dependent electromagnetic door lock (both sides)			D4	
Door-open-recognition; per side			V5	
Flexible Pt100 temperature sensor, positioned flexibly in chamber or load, for local temperature measurement (up to 1 additional sensor is possible). The measured temperature will be indicated on the display, recorded in the integral data store, and can be documented via the AtmoCONTROL software			H8	
MobileALERT, notification by SMS in case of any error or alarm of the device (requires option H6)			C3	

Accessories	160	260	450	750
Stainless steel grid, electropolished	E20165	E28891	E20182	
Reinforced stainless steel grid, electropolished, max. loading 60 kg; with guide bars and fixing screws (requires option K1). Please consider max. loading of chamber	-		B32190	
Perforated stainless steel shelf	B00325	B29725	B00328	
Reinforced stainless steel shelf, max. loading 60 kg; with guide bars and fixing screws (requires option K1). Please consider max. loading of chamber	-		B32191	
Stainless steel slide-in drip tray, 15 mm rim, with guide bars and fixing screws (may affect the temperature distribution, requires option K1)	-		B32763	
Stainless steel slide-in drip tray, 15 mm rim (may affect the temperature distribution, not in connection with option K1 for sizes 450/750)	B02073	B29726	B02075	
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution, requires option K1)	-		B34055	
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution, not in connection with option K1 for sizes 450/750)	B04359	B29722	B04362	
Flush-fit unit set (stainless steel frame covering gap between oven and wall opening), without air slots - technical clarification required	B33204	B33205	B33206	B33207
Set of height adjustable feet (4 pcs)	B29768		-	

Accessories   Software and Connectivity	160	260	450	750
Basic license for „AtmoCONTROL FDA Edition“. Meets the requirements for the use of electronically stored records and electronic signatures as specified in the 21 CFR Part 11 regulation by the US Food and Drug Administration (FDA). Respective IQ/OQ documents available in German and English (at no extra charge).	FDAQ1			
FDA integration license for an additional device (up to a maximum of 31 units) into an already purchased FDA basic license.	FDAQ2			
USB User-ID stick (with User-ID licence): Oven-linked authorisation licence (User-ID-programme) on Memory-stick, prevents undesired manipulation by unauthorised third parties. When reordering please specify serial number	B33170			
Ethernet connection cable 5 m for computer interface	E06189			
USB-Ethernet adapter	E06192			