

**memmert**

# m360 - PRODUCT CATALOGUE

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m360 SELECT SERIES

m360 MODIFICATIONS

**MADE IN GERMANY.**



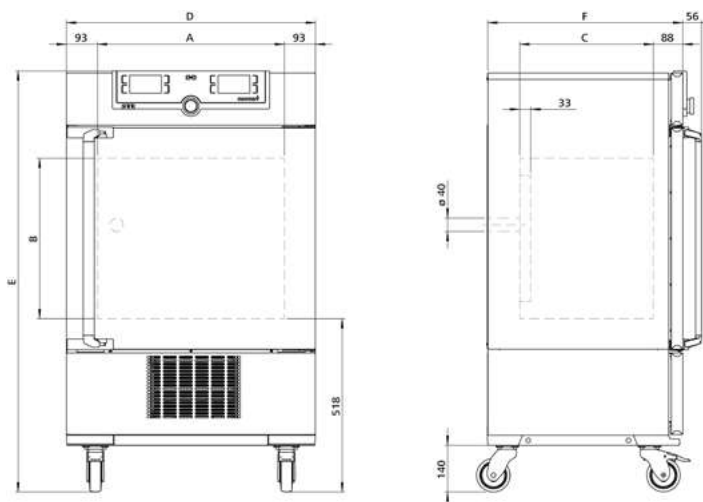
m360

SOLUTIONS FOR YOU

**CLIMATE CHAMBERS ICHC**

- Interior: stainless steel, mat. 1.4301 (ASTM 304), deepdrawn
- Housing: textured stainless steel 14016 (ASTM 430), rear zinc-plated steel 1.0037 (St37-2), intuitively operated TwinDISPLAY (TFT colour display) with touchscreen
- Door: fully insulated stainless steel doors with 2-point locking (compression door lock) and inner glass door, size 750: two leaves
- Connection: mains cable with plug (German type)
- Installation: on lockable castors
- Interfaces:
 

USB	Ethernet



Prices in EUR

Model sizes/Description			110	260	750
Stainless steel interior	Volume	l	108	256	749
	Width	(A) mm	560	640	1040
	Height	(B) mm	480	800	1200
	Depth (less 33 mm for fan)	(C) mm	400	500	600
	Max. number of grids/shelves	number	5	9	14
	Max. loading per grid/shelf	kg	20		30
	Max. loading of chamber	kg	150	200	
	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	824	1224
	Height (with castors)	(E) mm	1233	1552	1950
	Depth (without door handle, depth of handle +56 mm)	(F) mm	585	685	785
Standard equipment	Standard works calibration certificate (measuring point chamber center)		+10 °C , +37 °C , +30 °C / 60 % rh		
	Standard works calibration certificate (measuring point chamber center)	°C	5 % CO <sub>2</sub> at +30 °C / 60 % rh		
	Stainless steel grid, electropolished	Number	2		
	Entry port (silicone), 40 mm clear diameter, moisture tight, can be closed by a silicone stopper, standard position at the back		●		
	Water tank including connection hose		●		
	CO <sub>2</sub> connection set: hose with coupling and clamp		●		
Door-open-recognition		●			
Temperature	Working temperature range without humidity	°C	0 to +60		
	Working temperature range with humidity	°C	+10 to +60		
	Setting temperature range	°C	0 to +60		
	Setting accuracy	°C	0.1		
Humidity	Setting range humidity	% rh	10 to 80		
	Setting accuracy	% rh	0.5		
CO <sub>2</sub>	Setting range CO <sub>2</sub>	% CO <sub>2</sub>	0 to 20		
	Setting accuracy CO <sub>2</sub>	% CO <sub>2</sub>	0,1		
	Variation in time CO <sub>2</sub>	% CO <sub>2</sub>	± 0,4		
Further data	Electrical load at 230/115 V, 50/60 Hz	W	1350		

Prices in EUR

Model sizes/Description			110	260	750
Packing data	Net weight	kg	114	160	249
	Gross weight (packed in carton)	kg	142	217	319
	Width	mm	880	930	1330
	Height	mm	1410	1760	2150
	Depth	mm	810	930	1050
<b>Order No. Climate Chambers CO<sub>2</sub></b> ICH = Climate chamber C = CO <sub>2</sub>			ICH110C	ICH260C	ICH750C

Options			110	260	750
Voltage 115 V, 50/60 Hz			X2		
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 (ICH)			-		K1
Entry port with 23 mm clear diameter, can be closed, standard position (F1 and F3 not for models ICH L)	left centre/centre		F0		
	left centre/top		F1		
	right centre/top	-	F3		
Entry port (silicone), 40 mm clear diameter, moisture tight, can be closed by silicone stopper, at the back (please state location)		-	F7		
4 - 20 mA current loop interface	Humidity controller, actual value (0 to 100 % rh = 4 - 20 mA)		V7		
	Temperature controller actual value (-20 to +70 °C = 4 - 20 mA)		V3		
	Temperature of a Pt100 sensor positioned flexibly in chamber for external temperature monitoring (max. 3) - price per sensor (-20 to +70 °C = 4 - 20 mA)		V6		
	CO <sub>2</sub> controller, actual value (0 to 25 % CO <sub>2</sub> = 4 - 20 mA)		V9		
Fan speed monitoring with switching off the heating and with alarm in case of failure			V4		
Compressed air dehumidification (efficient dehumidification of the interior by means of compressed air). Standard works calibration certificate (measuring point chamber centre) at +10 °C with 10 % rh			C9		
Door with lock and key (safety lock)			B6		
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)			H6		
MobileALERT, notification by SMS in case of any error or alarm of the device (requires option H6)			C3		

Accessories			110	260	750
Stainless steel grid, electropolished			E20165	E28891	E20182
Reinforced stainless steel grid, electropolished, max. loading 60 kg; size 750 with guide bars and fixing screws (requires option K1). Please consider max. loading of chamber			E29767	E29766	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
Holder for water tank (2.5 litres) for mounting on the rear of the appliance. Standard equipment for size 750			E32172		-
Central water supply with filter cartridges for connection to the domestic water supply. Product information on demand			ZWVR6		
Central water supply without filter cartridges for connection to the domestic water supply (only for demineralised water with a conductivity of > 1 to 10 µS/cm and a pH value between 5 and 7). Product information on demand			ZWVR7		
External measuring instrument with additional measuring head for temperature and humidity measurement. Product information on demand			B04714		
Floor grid   Heavy-duty; Please consider max. loading of chamber			E36692	E36704	B31972

Accessories   Software and Connectivity			110	260	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	



Prices in EUR

Accessories   Software and Connectivity	110	260	750
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	

# SOLUTIONS FOR YOU



Memmert GmbH + Co. KG  
Äußere Rittersbacher Straße 38 | 91126 Schwabach  
Tel. +49 9122 925 -0 | Fax +49 9122 14585  
E-Mail: [m360@memmert.com](mailto:m360@memmert.com)

[www.memmert.com/m360](http://www.memmert.com/m360)  
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