



Options	110	260	750	Order no.
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 2 standard grids by 2 reinforced grids (ICH and ICH C only)	-			K1
Illumination unit consisting of 4 fluorescent lights with cold white light (standard illuminant D65, 6,500 K) and 2 UV lamps in the spectral range of 320 to 400 nm, 8 W/m <sup>2</sup> , acc. ICH Q1B option 2, light intensity approx. 8,000 Lux, separately switchable via controller (only ICHeco L/ ICH L) second box	-			T72
Alternative light boxes (replace the standard lighting; have to be ordered together with the chamber); number of fluorescent lamps: size 110: 5, sizes 260/750: 6, with cold white light (daylight: light colour 865, 6.500K; daylight complies with standard illuminant D65) (only ICHeco L/ICH L) one box				T81
second box (cannot be switched on separately)	-			T82
Alternative light boxes (replace the standard lighting, have to be ordered together with the chamber), number of fluorescent UV lamps: size 110: 5, sizes 260/750: 6, in the spectral range of 315 to 400 nm, 22 W/m <sup>2</sup> , (only ICH L) one box, no extra cost				T01
second box, cannot be switched on separately	-			T02
Interior socket, ampacity 230 V/2.2 A, can be switched off with the On/Off switch, cannot be switched individually, moisture tight IP68				R3
Entry port, 23 mm clear diameter, for introducing connections at the side, moisture tight, can be closed by flap and silicone stopper, standard position				
left centre/centre				F0
left centre top				F1
right centre top	-			F3
Entry port (silicone), 40 mm clear diameter, for introducing connections, moisture tight, can be closed by silicone stopper, at the back (please, state location)	-			F7
4 to 20 mA current loop interface (-20 to +70°C corresponds to 4 to 20 mA) (Models ICH C max. 2 interfaces – only combination V3 + V7 or V3 + V9 possible)				
Temperature controller, actual value				V3
Temperature of a Pt100 sensor positioned flexibly in chamber for external temperature monitoring (max. 3 TwinDISPLAY)				V6
Humidity controller, actual value (0 – 100 % corresponds to rh 4 – 20 mA)				V7
CO2 controller, actual value (0 to 25 % CO2 = 4 - 20 mA) (only ICH C)				V9
Fan speed monitoring with switching off the heating and with alarm in case of failure				V4
Works calibration certificate for one (freely selectable) temperature and humidity value				D00105
Compressed air dehumidification (efficient dehumidification of the interior by means of compressed air – for models ICH and ICH L). Standard works calibration certificate (measuring point chamber centre) at +10 °C with 10 % rh.				C9
Door with lock (safety lock), Standard with SN/SF and SNplus/SFplus 450 and 750				B6
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)				H6
Door-open-recognition (only for units with TwinDISPLAY)				V5
MobileALERT, notification by SMS in case of any error or alarm of the device. Requires option H6 "floating contact for alarm"				C3





Accessory	110	260	750	Order no.
Stainless steel grids, electropolished (standard equipment)	E20165	E28891	E20182	
Reinforced stainless steel grid, electropolished, max. loading 60 kg (model 750 with guide bars and fixing screws and only in connection with option K1)	E29767	E29766	B32190	
Perforated stainless steel shelves	B00325	B29725	B00328	
Reinforced perforated stainless steel shelves, max. loading 60 kg, with guide bars and fixing screws and only in connection with option K1	-	-	B32191	
Stainless steel slide-in drip tray, 15 mm rim (may affect the temperature distribution) - cannot be used in connection with option K1	E02073	E29726	E02075	
Max. loading per slide-in drip tray (kg)	3	4	8	
Stainless steel slide-in drip tray, 15 mm rim, with guide bars and fixing screws (may affect the temperature distribution) - can be used only in connection with option K1	-	-	B32763	
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution) - cannot be used in connection with option K1	B04359	B29722	B04362	
Max. loading per bottom drip tray (kg)	3	4	8	
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution) - can be used only in connection with option K1	-	-	B34055	
Holder for water tank (sizes 110 - 750: 2.5 litres, sizes 1060/1400/2200: 10 litres) for mounting on the rear of the appliance. Standard equipment for sizes 750, 1060, 1400 und 2200.	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 5 to 10 µS/cm and a pH value between 5 and 7). Product information on demand				ZWVR7
USB-Ethernet adapter				E06192
Ethernet connection cable 5 m for computer interface				E06189
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 (only for units with TwinDISPLAY)				B33170
FDA conforming software AtmoCONTROL (FDA edition). Meets the requirements for the use of electronically stored data sets and electronic signatures as laid down in Regulation 21 CFR Part 11 of the US Food and Drug Administration (FDA). Base licence for the control of one unit. Respective IQ/OQ documents available in German and English language (without surcharge)				FDAQ1
Integration of one additional unit (up to max. 15 units) into an already existent FDA-software licence				FFDAQ2
IQ document with device-specific works test data, OQ/PQ check list as support for validation by customer				D00124
IQ/OQ document with works test data for chamber, incl. temperature distribution survey for one free-selectable temperature value. 9 measuring points (size 30), 27 measuring points (sizes 55 - 1060) to DIN 12880:2007-05 (further temperature values on demand), PQ check list as support for validation by customer				D00127
IQ/OQ document with device-specific works test data for one free-selectable temperature and humidity value, incl. temperature distribution survey at Memmert for 27 measuring points (26 measuring points on model HPP1400) to DIN 12880:2007-05, PQ check list as support for validation by customer (models HPP and ICH).				D00136
IQ/OQ-Dokument mit schrankbezogenen Werksdaten für einen frei wählbaren Temperatur-, Feuchte- und Lichtwert, einschli. Temperaturverteilungsmessung bei Memmert für 27 Messpunkte nach DIN 12880:2007-05. PQ-Checkliste als Hilfestellung für kundenseitige Validierung. Preis für Validierung vor Ort auf Anfrage (nur D, A, CH)				D00137
External measuring instrument with sensors for daylight and UV-light. Product information on demand (models HPP, ICH L, IPPplus)				B04713
External measuring instrument with sensors with additional measuring head for temperature and humidity measurement. Product information on demand (models HPP, ICH, ICH L, ICH C, IPPplus and ICOmed)				B04714

