

# Model KBF PRO 720 | Constant climate chambers with expanded temperature / humidity range

A powerful all-rounder among constant climate chambers: Equipped with all kinds of sophisticated technology, the KBF PRO takes any material test in its stride – whether it takes place at -20°C or under THB conditions at +85°C and 85% relative humidity. It offers flexible water supply options for all installation sites and consumes up to 40% less energy than its predecessor, the KMF model. Optional light modules are also available to turn the KBF PRO into a chamber for ICH photostability testing or plant growth.





Model 720

# **IMPORTANT FEATURES**

- Temperature range: -20°C to +100°C
- Humidity range: 10% to 98% RH
- Proven APT.line<sup>™</sup> preheating chamber technology
- Up to 40% lower energy consumption compared to the previous model
- Energy-efficient cooling with modern inverter cooling unit
- Cooling with climate-neutral R-290 refrigerant
- Door heating to prevent condensation
- Adjustable fan speed
- Humidity regulation with capacitive humidity sensor and responsive steam humidification
- Housing design with HIT technology
- Stainless-steel inner chamber
- Inner doors made of metal oxide-coated safety glass
- Two racks with stainless-steel telescopic rails
- Large access port with silicone plug
- Floor-standing units featuring robust twin casters with brakes at the front

- Stackable tabletop units with a volume of up to 130 liters
- Intuitive touchscreen controller with time-segment and real-time programming
  Ergonomically adjustable control terminal (for units with a volume of 470 liters and above)

Model 720

- Signal triangle with light-up status display (for units with a volume of 470 liters and above)
- Internal data logger, measured values can be read out in open format via USB
- Class 3.3 independent temperature safety device (DIN 12880) with visual and acoustic alarms
- Unit self-test for comprehensive status analysis
- Data interfaces: Ethernet, USB
- BINDER Multi Management Software APT-COM™ basic edition
- Optional light modules for ICH photostability testing (for models 260, 470, 720)
- Optional LED light modules for plant growth (for models from 260)

## ORDERING INFORMATION

Interior volume [L]	Power supply - unit fuse	Plug*	Version	Model version	ArtNo.
Model KBF PRO 720					
727	208240 V 1~ 50/60 Hz -16,0 A	-	Standard	KBFPRO720-230V	9020-0442

Data sheet Model KBF PRO 720



# TECHNICAL DATA

KBFPR0720-230V
9020-0442
Standard
-20100 °C
1,000 W
1090 ℃
1098 % RH
0.3 ± K
0.3 ± K
0.1 ± K
0.1 ± K
1 min
5 min
208240 V
50/60 Hz
1,8 kW
16,0 A
1~
727 L
312 kg
40 kg
100 kg
180 mm
180 mm

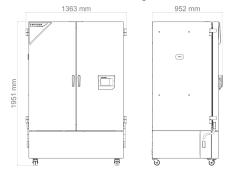
Data sheet Model KBF PRO 720



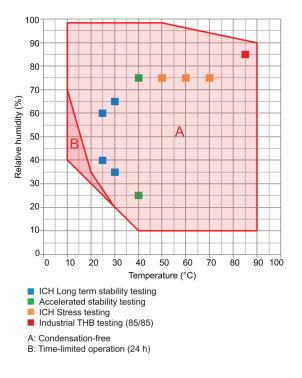
Width net	1,285 mm
Height net	1,951 mm
Depth net	900 mm
Internal Dimensions	
Interior width	1,011 mm
Interior height	1,250 mm
Interior depth	575 mm
Inner doors	2
Unit doors	2
Environment-specific data	
Energy consumption at 25°C and 60% RH	390 Wh/h
Energy consumption at 40°C and 75% RH	435 Wh/h
Energy consumption at 85°C and 85% RH	600 Wh/h
Fixtures	
Number of shelves (std./max.)	2/16

All technical data is specified for unloaded units with standard equipment at an ambient temperature of +22 °C  $\pm 3$  °C and a power supply voltage fluctuation of  $\pm 10$  %. The temperature data is determined in accordance to BINDER factory standard following DIN 12880, observing the recommended wall clearances of 10 % of the height, width, and depth of the inner chamber. Technical data refers to 100 % fan speed. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.

#### DIMENSIONS Incl. fittings and connections [mm]



# DIAGRAMS



Climate chart

## OPTIONS

Designation	Description	*	ArtNo.
	left		
	30 mm	01	8012-2489
	50 mm	01	8012-2490
	100 mm	01	8012-2491
Access port with silicone plug	right		
	30 mm	01	8012-2492
	50 mm	01	8012-2493
	100 mm	01	8012-2494
	top		
	30 mm	01	8012-2500
	50 mm	01	8012-2495
	100 mm	01	8012-2496
Alarm output, zero-voltage	Accessible via 3-pin clamping sleeve (max. 24 V - 2.5 A), with acoustic signal that can be switched off	-	8012-2504
Analog output 4-20 mA	for temperature and humidity values (output not adjustable)	-	8012-2375

BINDER data sheet | Version dated: 24-11-20 We reserve the right to alter technical specifications at any time.

Data sheet Model KBF PRO 720
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Designation	Description	*	ArtNo.
Calibration certificate, expanded	for temperature and humidity; for extending the measurement in center of chamber to include another test value		8012-2576
	temperature measurement incl. certificate, 9 measuring points at specified temperature	-	8012-2379
Calibration certificate, temperature	temperature measurement incl. certificate, 15- 18 measuring points at specified temperature	-	8012-2383
	temperature measurement incl. certificate and 27 measuring points at specified temperature	-	8012-2427
	Measurement in center of chamber at 25°C / 60% RH or at specified test values	-	8012-2438
Calibration certificate, temperature and humidity	temperature (according to DIN12880) and humidity measurement incl. certificate, 27 temperature measuring points and 1 humidity measuring point, at 25 °C / 60 % RH or at specified values	-	8012-2578
Coated heat exchanger	For preventing damage to the aluminum heat exchanger caused by corrosive sample material	-	8012-2585
Door lock	lockable door handle	-	8012-2538
Door lock, electromechanical	can be opened with PIN code via controller	-	8012-2590
Inner chamber, reinforced	max. total load 200 kg	-	8012-2527
Interior lighting	With climate-resistant LEDs, switches when the unit door is opened	-	8012-2566
Shipping pallet	nipping pallet with unloading ramp for installing unit without forklift		8012-2548
Specimen temperature display	Flexible Pt 100 indoor temperature sensor, for object temperature display or control	-	8012-2554
Swivel casters, height- adjustable	For horizontal alignment of the unit on uneven floors	-	8012-2544

# ACCESSORIES

Designation	Description	*	ArtNo.
APT-COM™ 4 GLP-Edition	for working under GLP-compliant conditions. Measured values are documented in a tamper-proof way in line with the requirements of FDA Regulation 21 CFR 11.		
	version 4, GLP edition	_	9053-0042
APT-COM™ 4 PROFESSIONAL-	convenient unit and user management built on the BASIC edition. Suitable for networking up to 100 units.		
Edition	version 4, PROFESSIONAL edition	-	9053-0040
BINDER PURE AQUA SERVICE	NDER PURE AQUA SERVICE System for preparation or complete desalination of tap water, complete set containing PURE AQUA 300 single- use cartridge, measuring device, and all necessary connecting parts		8012-0759
BINDER PURE AQUA SERVICE, Single-use, replacement cartridge for BINDER PURE AQUA System		-	6011-0165
CO <sub>2</sub> gassing module	BINDER $\rm CO_2$ gassing module 0-1%, with NDIR $\rm CO_2$ sensor and analog output 4-20 mA	-	8012-2140
	BINDER $\rm CO_2$ gassing module 0-20%, with NDIR $\rm CO_2$ sensor and analog output 4-20 mA	-	8012-2138
ICH light module	BINDER ICH-Q1B light module consisting of a VIS cassette and a UVA cassette as well as an independent power supply	-	8012-2442

# BINDER Best conditions for your success

Data sheet Model KBF PRO 720

#### BINDER Best conditions for your success

Designation	Description	*	ArtNo.
ICH light module with LQC	BINDER ICH-Q1B light module with light-dose control consisting of a VIS cassette, a UVA cassette, a spherical VIA sensor, a spherical UVA sensor as well as an independent power supply	-	8012-2444
	Basic set consisting of 2 pieces, attachment material, control unit for max. 4 light strips, 100-240 V, 50/60 Hz		
	Basic set 500, length 50 cm	-	8012-1108
	Basic set 900, length 90 cm	-	8012-1109
ED light bars	Expansion set consisting of 2 pieces, attachment material: clips. For expanding the basic set of light bars		
	Expansion set 500, length 50 cm	-	8012-1717
	Expansion set 900, length 90 cm	-	8012-1718
ight module for plants	BINDER LED plant light module consisting of 16 LED strip lights, 3-channel controller and fresh air pump as well as independent power supply	-	8012-2439
oH-neutral detergent	concentrated, for gentle remove of residual contaminants; 1 kg	-	8012-2250
Qualification documents	IQ/OQ/PQ documents – supporting documents for validation performed by customers, according to customer requirements, PQ section added to qualification folder IQ/OQ; parameters: temperature and humidity values		
	– Digital in PDF format	-	7057-0006
	Hard copy inside folder	-	7007-0006
	IQ/OQ documents – supporting documents for validation performed by customers, consisting of: IQ/OQ checklists incl. calibration guide and comprehensive unit documentation; parameters: temperature and humidity values		
	Digital in PDF format	-	7057-0002
	Hard copy inside folder	-	7007-0002
	Shelf rack in set with pair of retaining rails (U rails), made entirely of stainless steel		
Reinforced rack	– Load-bearing capacity 80 kg	-	8012-2414
	Shelf rack in set with pair of retaining rails (U rails), made entirely of stainless steel		
Shelf rack, perforated	Load-bearing capacity 40 kg	-	8012-2408
Standard rack	Shelf rack in set with pair of retaining rails (ball bearing mounted telescopic rails), made entirely of stainless steel		
	Load-bearing capacity 40 kg	-	8012-2385
	Shelf rack in set with pair of retaining rails (U rails), made entirely of stainless steel		
	Load-bearing capacity 40 kg	-	8012-2391
Water supply	External, free-standing, set consisting of 20-liter fresh water canister with pump and level sensor and 20-liter waste water canister		8012-2592

#### SERVICES

BINDER
Best conditions for your success

Calibration services         Figure vian - Temperature and handlity calibration with measuring point in center of hamber with a specified pair of values including calibration         -         DL(n=0)20           Temperature and hundlity calibration         Transpectator and hundlity calibration afts measuring point in center of hamber         -         DL(n=0)20           Temperature and hundlity measurement, 9:1         Transpectator measurement with a pair of values specified by in values, including carificate         -         DL(n=0)20           temperature and hundlity measurement, 9:1         Transpectator measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measurement, 9:1         Transpectator measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measurement, 9:1         Transpectator measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measurement. 2:2:1         Temperature measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measurement. 2:2:1         Temperature measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measurement. 2:2:1         Temperature measurement with a pair of values specified by the aser.         -         DL(n=0)20           temperature and hundlity measuremen	ion I	Description	*	ArtNo.
enter of chamber with specified pair of values, including certificate         -         04,00,000           temperature and humidity calibation with measuring point in centre of chamber with specified pair of values, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with specified pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, point in centre of chamber with a pair of values specified by the user, including certificate         -         04,00,000           temperature and humidity measurement, with a pair of value specified by the user, including certificate         -         04,00,000 <td>n services</td> <td></td> <td></td> <td></td>	n services			
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Intersecting points       -       D130-0339         Temperature and humidity measurement, 13-1       Increasting points       -       D130-0338         Temperature and humidity measurement, 13-1       Increasting points       -       D130-0337         Temperature and humidity measurement, 27-1       Temperature measurement with 27 temperature measuring points and 3 humidity       -       D130-0337         Temperature and humidity measurement, 27-1       Temperature measurement with 27 temperature measuring points and 3 humidity       -       D130-0337         Temperature and humidity measurement, accordince with D1 12880 with 27 temperature measuring points and 3 humidity       -       D130-0327         Temperature measurement in accordince with D1 12880 with 27 temperature measuring points and 3 humidity       -       D130-0327         Instanction services       -       D130-0327       -       D130-0327         Instanctions services       -       D130-0327       -       D130-0327         Instanctions geneting points and 3 humidity measurement, accordince with D11 12880 with 27 temperature measurement accordince with D11 12880 with 27 temperature measurement with 27 temperature measurement with 38 paint 0 values specified by the user, including certificate       -       D130-0327         Instanctions for the unit to the custome side connections (leftricity, water, waterwater, waterwater, waterwater, waterwater, waterwater, waterwater, waterwater, waterwater, waterwater, waterwat	1		-	DL30-0340
Interparating pointsIncluding certificate-DispositiTemperature and humidity measurement, 27-1 measuring point in center of chamber with a pair of values specified by the user, including certificate-DispositiTemperature and humidity measurement measuring point in center of chamber with a pair of values specified by the user, including certificate-DispositiTemperature and humidity measurement according to DNL 2880Temperature measurement in accordance with DNL 2880 with 27 temperature of values specified by the user, including certificate-DispositiInstallation servicesTemperature measurement in accordance with DNL 2880 with 27 temperature of values specified by the user, including certificate-DispositiInstallation servicesConnect the unit to the customer side connections (electricity, water, wastewater, gas, hasic functions, here, held operating including certificate-DispositionMaintenance contractsInstruction regarding operating principle and basic functions of the unit, operation of the control electronic sincluding programming, installation work)-DispositionBRONZE syver maintenance contractMaintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, ard: discount on spare parts, all services-DispositionSILVER syver maintenance contractMaintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, ard: discount on spare parts, all services-DispositionSILVER syver maintenance contractMaintenance service as cont	a points	neasuring point in center of chamber with a pair of values specified by the user,	-	DL30-0309
Interparating and number and	a points	neasuring point in center of chamber with a pair of values specified by the user,	-	DL30-0318
Itemperature according to DNIX2880measuring points and 1 humidity measuring point in center of chamber with a pair of values specified by the user, including certificate-DL30-0427Installation servicesconnect the unit to the customer-side connections, (excl: unpacking, setup, controller instructions, programming, installation work)-DL00-0300Unit commissioningConnect the unit to the customer-side connections, (excl: unpacking, setup, controller instructions, programming, installation work)-DL00-0300Unit instructionsInstruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming-DL00-0300Maintenance contractsHaintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to control response, 20% discount on spare parts, teing of all key functions, relaxed to one state measure parts, teing of all key functions, relaxed to one state measure parts, teing of all key functions, relaxed to one state measure parts, teing of all key functions, relaxed of one state measure pare parts, teing of all key functions, relaxed of one state measure pare parts, teing of all key functions, relaxed of one state measure pare parts, teing o	a points	neasuring point in center of chamber with a pair of values specified by the user,	-	DL30-0327
Unit commissioning       Connect the unit to the customer-side connections (electricity, water, wastewater, gas), basic functions check, brief operating instructions, (excl: unpacking, setup, controller instructions, programming, installation work)       -       DLio-0300         Unit instructions       Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming       -       DLio-0700         Maintenance contracts       -       DLio-0700         GOLD 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, reglement of wear parts, calibration of on test setsing of all key functions, calibration of one test temperature specified by the user in center of usable space, without certificate       DL20-0920         SILVER 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the centrol the usable space, without certificate       DL20-0920         SILVER 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate       DL20-0820         Maintenance services       -<	ture and numidity measurement	neasuring points and 1 humidity measuring point in center of chamber with a pair	_	DL30-0427
Unit commissioning       gas), basic functions, check, brief operating instructions, (excl: unpacking, setup, controller instructions, programming, installation work)       -       DLoo-ogoo         Unit instructions       Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming       -       DLoo-ogoo         Maintenance contracts       Instruction regarding operating principle and basic functions of mechanical and electrical components, check of control response, 20% discount on spare parts       -       DLoo-ogoo         GOLD 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, calibration of one chanical and electrical components, check of control response, 20% discount on spare parts, spare maintenance contract       DL2o-og2o         SILVER 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, alibration of one chanical and electrical components, check of control response, 20% discount on spare parts, alibration of one chanical and electrical components, check of control response, 20% discount on spare parts, alibration of one chanical and electrical components, check of control response, 20% discount on spare parts, alibration of one chanical and electrical components, check of control response, 20% discount on spare parts, alibration of one chanical and electrical components, check of control response, 20% discount on spare parts, alibration of a test temperature specified by the user in the center of the usable s	on services			
Unit instructionsof the control electronics including programming-DLD-0700Maintenance contractsBRONZE 3-year maintenance contractMaintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts-DL20-0710GOLD 3-year maintenance contractMaintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, replacement of wear parts, calibration of one testing of all key functions, replacement of wear parts, calibration of one testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate-DL20-0920SILVER 3-year maintenance servicesOne-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate-DL20-0820MaintenanceOne-off maintenance service in accordance with maintenance schedule. Visual inspection of a test temperature specified by the user in center of usable space without certificate-DL20-0613Validation services-DL42-0300Execution of IQ/OQExecution of IQ/OQ in accordance with qualification folder-DL42-0300	missioning	gas), basic functions check, brief operating instructions. (excl.: unpacking, setup,	-	DL10-0300
BRONZE 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts       -       DL20-0710         GOLD 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, replacement of war parts, calibration of one test imperature/humidity value, including certificate       -       DL20-0920         SILVER 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, replacement of war parts, calibration of one test temperature specified by the user in the center of the usable space, without certificate       DL20-0920         Maintenance services       -       DL20-0820         Maintenance       One-off maintenance service in accordance with maintenance schedule. Visual inspections. Calibration of a test temperature specified by the user in center of usable space without certificate       DL20-0613         Validation services       -       DL20-0613         Execution of IQ/OQ       Execution of IQ/OQ in accordance with qualification folder       -       DL42-0300         Execution of IQ/OQ/PQ       Execution of IQ/OQ/PQ in accordance with qualification folder       -       DL42-0300	lictions		_	DL10-0700
BKUNZE 3-year maintenance contract       electrical components, check of control response, 20% discount on spare parts       -       DL20-0710         GOLD 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, calibration of one temperature/humidity value, including certificate       -       DL20-0920         SILVER 3-year maintenance contract       Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate       -       DL20-0920         Maintenance services       -       DL20-0920       DL20-0920       DL20-0920         Maintenance services       -       DL20-0920       DL20-0920         Maintenance services       -       DL20-0820         Maintenance services       -       DL20-0820         Maintenance       One-off maintenance service in accordance with maintenance schedule. Visual inspection of a test temperature specified by the user in center of usable space without certificate       -       DL20-0613         Validation services       -       DL20-0613       -       DL20-0613         Execution of IQ/OQ       Execution of IQ/OQ/PQ in accordance with qualification folder       -       DL42-0300	nce contracts			
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SILVER 3-year maintenance contract       electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate       DL20-0820         Maintenance services       One-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space without certificate       DL20-0613         Validation services       Execution of IQ/0Q       Execution of IQ/0Q in accordance with qualification folder       –       DL42-0300         Execution of IQ/0Q/PQ       Execution of IQ/0Q/PQ in accordance with qualification folder       –       DL42-0300	ear maintenance contract t	electrical components, check of control response, 20% discount on spare parts, esting of all key functions, replacement of wear parts, calibration of one	_	DL20-0920
Maintenance       One-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space without certificate       DL20-0613         Validation services       Execution of IQ/OQ       Execution of IQ/OQ in accordance with qualification folder       -       DL42-0300         Execution of IQ/OQ/PQ       Execution of IQ/OQ/PQ in accordance with qualification folder       -       DL42-0300	year maintenance contract	electrical components, check of control response, 20% discount on spare parts, esting of all key functions, calibration of one test temperature specified by the	_	DL20-0820
Maintenance       inspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space       -       DL20-0613         Validation services       Execution of IQ/OQ       Execution of IQ/OQ in accordance with qualification folder       -       DL42-0300         Execution of IQ/OQ/PQ       Execution of IQ/OQ/PQ in accordance with qualification folder       -       DL44-0500	nce services			
Execution of IQ/OQ       Execution of IQ/OQ in accordance with qualification folder       -       DL42-0300         Execution of IQ/OQ/PQ       Execution of IQ/OQ/PQ in accordance with qualification folder       -       DL44-0500	ince i	nspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space	_	DL20-0613
Execution of IQ/OQ/PQ Execution of IQ/OQ/PQ in accordance with qualification folder – DL44-0500	n services			
	n of IQ/OQ	Execution of IQ/OQ in accordance with qualification folder	_	DL42-0300
Warranty service	n of IQ/OQ/PQ	Execution of IQ/OQ/PQ in accordance with qualification folder		DL44-0500
	service			
1-year warranty extension The warranty is extended by 1 year from the delivery date, wear parts are excluded – DL50-0030	rranty extension	The warranty is extended by 1 year from the delivery date, wear parts are excluded	_	DL50-0030

# NOTES

O1 Condensation may occur in the area around the access port. Access ports may be placed in custom locations for an additional charge.



Pricing on any accessories shown can be found by keying the part number into the search box on our website. The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

# www.wolflabs.co.uk

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