KNF LAB PUMPS AND SYSTEMS. KNOWING WHAT COUNTS.

KNF LAB PUMPS AND SYSTEMS.

COMPELLING ADVANTAGES.

KNF permanently strives to counter the challenges of daily lab work with easy handling. Devices from KNF are therefore intuitive and compact, and offer clear advantages when it comes to intelligent functions: quiet operation, powerful and totally reliable.

Discover lab technology that supports you.

ROTARY EVAPORATION/ DISTILLATION.

REPRODUCIBLE RESULTS WITH SHORT PROCESSING TIMES.

BENEFIT FROM EXPERT KNOWLEDGE.

ROTARY EVAPORATION TAILORED TO PRACTICAL NEEDS

Under the spotlight at KNF: What aspects are really key to rotary evaporation in everyday lab practice? What is needed to guarantee simple, economical and reliable processes day in day out? These are the questions we used to guide us when developing and implementing the RC 900 and the new RC 600. We became involved in daily lab work. We asked lab technicians what they wished for, enlisted experts to perform tests and incorporated their suggestions.

What makes KNF's rotary evaporators stand out? They are designed to impress thanks to their distinct handling advantages, clever functional details and well thought out safety features.

EASY TO USE I CLEVER FUNCTIONAL DETAILS I WELL THOUGHT OUT SAFETY FEATURES

RC 900. SUPERIOR PERFORMANCE SYSTEM.

Rotary evaporator, vacuum pump system and chiller as a perfectly coordinated system.

RC 900 SC 920 C 900

RC 600. DESIGNED FOR ACADEMIA LABS.

System packages to suit different budget conditions are available – e.g. one comprising a vacuum pump system to simultaneously and independently assist two rotary evaporators.

RC 600 SCC 950 RC 600

RC 900.

EASE OF USE, DESIGNED TO INSPIRE YOU EVERY DAY.

reddot award 2014
winner

SUPERIOR PERFORMANCE SYSTEM

RC 900 Rotary Evaporator

- Sleek design, minimum footprint
- Whisper quiet for a pleasant working environment
- Versatile use, simple operation

Cooling condenser is straight-forward to detach by turning the clamping nut. The cooling condenser is also extremely easy to clean.

Central **remote control** for all relevant parameters for distillation and for the heating bath – easy operation by touching and turning.

Memory function – simply press the memory button to save the flask's current immersion depth and rotation speed for easy and reliable process repeatability.

Tube guide inside the tower – tidy and safe, with tubes no longer an obstruction.

Uncomplicated flask exchange – flask simply locks into place – and can be done with one hand.

Convenient, fully adjustable **flask angle** set via a control knob.

Cordless heating bath with diode to indicate heat level and a pour spout for **safe, spill-free emptying**.

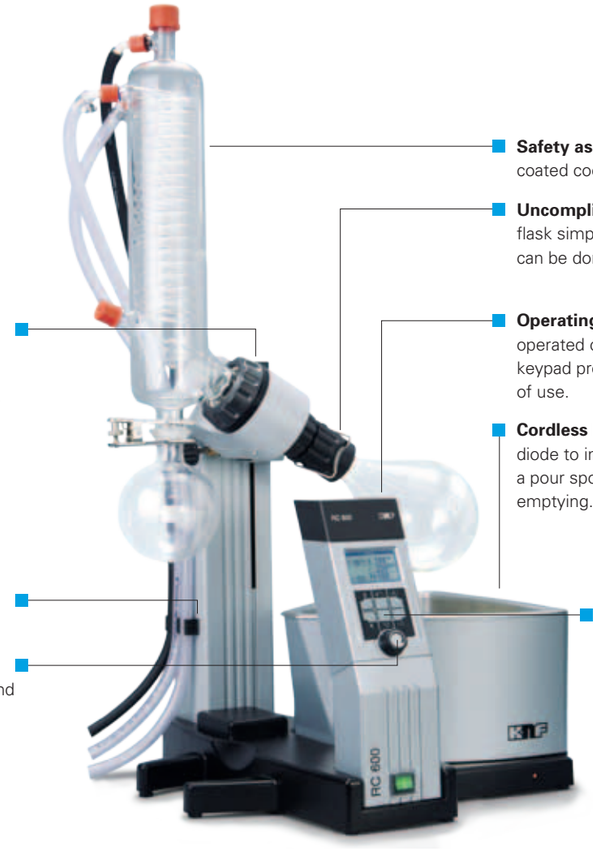
SUCCESSFULLY COMBINED

Joining forces to create a precisely balanced system, we present the RC 900 rotary evaporator combined with the SC 920 vacuum pump system and the C 900 chiller, which together form an effective, efficient system.

RC 600.
RELIABLE DAILY PERFORMANCE.

DESIGNED FOR ACADEMIA LABS

RC 600 Rotary Evaporator
- Fit for purpose
- Comprehensively robust
- Safe and compact



Safety as standard – coated cooling condenser.

Uncomplicated flask exchange – flask simply locks into place – and can be done with one hand.

Cooling condenser is straight-forward to detach by turning the clamping nut. The cooling condenser is also extremely easy to clean.

Operating unit – all functions operated centrally via a membrane keypad providing exeptional ease of use.

Cordless heating bath with a diode to indicate heat level and a pour spout for safe, spill-free emptying.

Fixed tube guide.

Control knob to adjust set points for **heating bath temperature** and **flask rotation speed**.

Memory function – simply press the memory button to save the flask's current immersion depth and rotation speed for easy and reliable process repeatability.

SMART EVAPORATION

C 900 N 920 G VC 900 RC 600

TURNKEY EVAPORATION

C 900 SC 920 RC 600

DUAL EVAPORATION

RC 600 SCC 950 RC 600

A VERSATILE SYSTEM COMPONENT

Set for flexibility: Several system packages to suit different budget conditions are available consisting of rotary evaporator, vacuum supply and chiller – e.g. the "Dual Evaporation" package comprises the SCC 950 vacuum pump system which assists two rotary evaporators simultaneously and independently.

DUAL CONTROL

SCC 950 Vacuum Pump System

- Flow rate 3 m³/h / Ultimate vacuum 2 mbar abs.
- Equipped with 2 controllers, remotely controllable
- Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function
- Speed-controlled
- Pleasantly quiet operation

SC 920

SC 950

QUIET

SC 920 and SC 950 Vacuum Pump System

- Flow rate up to 3 m³/h / Ultimate vacuum 2 mbar abs.
- Remote-controlled for safe operation from outside closed fume hoods
- Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function
- Speed-controlled

LABOPORT®

ROBUST

SC 820 and SC 840 Vaccum System

- Flow rate up to 2.04 m³/h / Ultimate vacuum 8 mbar abs.
- Vacuum system comprising chemically resistant diaphragm vacuum pump, base plate, condenser, separator and vacuum control unit

VACUUM CONTROL

VC 900 Vacuum Control Unit

- Control of the vacuum application
- Separate control unit with pressure sensors and two-step controlled valve to be placed independently from the operating unit
- Easy to use

LABOPORT®

CHEMICALLY RESISTANT

N 820.3 FT.18, N 840.3 FT.18 and N 842.3 FT.18 Diaphragm Vacuum Pump

- Flow rate up to 2.04 m³/h / Ultimate vacuum up to 2 mbar abs.
- High level of vapor and condensate compatibility
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

SPEED-CONTROLLED

N 920 G Diaphragm Vacuum Pump

- Flow rate 1.26 m³/h / Ultimate vacuum 2 mbar abs.
- High suction speed, particularly in the low vacuum range
- Integrated rotational speed control enables pumping capacity to be easily adapted to process requirements
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors
- Integrated gas ballast valve

A POWERFUL PACKAGE

N 860.3 FT.40.18 Diaphragm Vacuum Pump

- Flow rate 3.6 m³/h / Ultimate vacuum 4 mbar abs.
- Integrated KNF self-drying system ensures that condensate is quickly removed from the pump heads without the vacuum being altered – processing times are markedly reduced as a result
- Chemically resistant and thus ideal for use with extremely aggressive/corrosive gases and vapors

ECONOMICAL

C 900 Chiller

- Operating temperature range -10 to +40 °C, cooling capacity 250 W
- Compact design, small footprint
- Splash-proof membrane keypad
- Easy to fill

DEGASSING.

CONSTANT VACUUM FOR CLEAR RESULTS.

LABOPORT®

HIGH-PERFORMANCE

N 816.3 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 0.96 m³/h / Ultimate vacuum 20 mbar abs.
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

FAST

N 938.50 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 1.8 m³/h / Ultimate vacuum 15 mbar abs.
- Connecting both pump heads in parallel and in series ensures exceptionally fast evacuation
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

CHEMICALLY RESISTANT

N 820.3 FT.18 Diaphragm Vacuum Pump

- Flow rate 1.2 m³/h / Ultimate vacuum 8 mbar abs.
- High level of vapor and condensate compatibility
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

SPEED-CONTROLLED

N 920 G Diaphragm Vacuum Pump

- Flow rate 1.26 m³/h / Ultimate vacuum 2 mbar abs.
- High suction speed, particularly in the low vacuum range
- Integrated rotational speed control enables pumping capacity to be easily adapted to process requirements
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors
- Integrated gas ballast valve

FILTRATION/SPE.

RELIABLE VACUUM FOR CLEAN RESULTS. COMPACT, POWERFUL, FAST.

LABOPORT®

SMALL AND FOR (ALMOST) ANY USE

N 86 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 0.33 m³/h / Ultimate vacuum 160 mbar abs.
- Extremely low footprint
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

HIGH-PERFORMANCE

N 816.3 KT.18 and N 816.1.2 KT.18
Mini Diaphragm Vacuum Pump

- Flow rate up to 1.8 m³/h / Ultimate vacuum up to 20 mbar abs.
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

FAST

N 938.50 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 1.8 m³/h / Ultimate vacuum 15 mbar abs.
- Connecting both pump heads in parallel and in series ensures exceptionally fast evacuation
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

CHEMICALLY RESISTANT

N 840.3 FT.18 Diaphragm Vacuum Pump

- Flow rate 2.04 m³/h / Ultimate vacuum 8 mbar abs.
- High level of vapor and condensate compatibility
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

FLUID ASPIRATION.

RELIABLE VACUUM WITH PROCESS-SPECIFIC FLOW RATES.

LABOPORT®

SMALL AND FOR (ALMOST) ANY USE

N 86 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 0.33 m³/h / Ultimate vacuum 160 mbar abs.
- Extremely low footprint
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

HIGH-PERFORMANCE

N 816.3 KT.18 Mini Diaphragm Vacuum Pump

- Flow rate 0.96 m³/h / Ultimate vacuum 20 mbar abs.
- PTFE-coated diaphragm is ideal for aggressive/corrosive gases and vapors

LABOPORT®

CHEMICALLY RESISTANT

N 810.3 FT.18 Diaphragm Vacuum Pump

- Flow rate 0.6 m³/h / Ultimate vacuum 8 mbar abs.
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

METERING AND TRANSFERRING LIQUIDS.

PRECISE, SAFE AND CLEAN HANDLING OF NEUTRAL AND AGGRESSIVE LIQUIDS.

LIQUIPORT®

RELIABLE

NF 100 and NF 300 Chemically-resistant Diaphragm Liquid Pump

- Flow rate from 0.2 up to 3 l/min / Pressure head 10 mWg, suction head 3 mWg
- Self priming, dry running
- Pump heads available in your choice of PP, PVDF or PTFE – diaphragms available in PTFE, valves in FFKM
- Pressure head also available for 60 mWg on request
- Flow rate can either be set manually (Version S) or both manually and via an external control device (Version RC)

SIMDOS®

PRECISE

SIMDOS® 02 and SIMDOS® 10 Chemically-resistant Diaphragm Dosing Pump

- Flow rate from 0.03 up to 100 ml/min / Pressure head 60 mWg, suction head 2 mWg and 3 mWg respectively
- Pump heads available in your choice of PP, PVDF or PTFE – diaphragms available in PTFE, valves in FFKM
- Flow rate can either be set manually (Version S) or both manually and via an external control device as well as with interface RS 232 (Version RCP)

GEL DRYING.

OPTIMUM RESULTS ACHIEVED THANKS TO CHEMICAL RESISTANCE AND FULLY VARIABLE VACUUM.

LABOPORT®

CHEMICALLY RESISTANT

N 820.3 FT.18 Diaphragm Vacuum Pump

- Flow rate 1.2 m³/h / Ultimate vacuum 8 mbar abs.
- High level of vapor and condensate compatibility
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

SPEED-CONTROLLED

N 920 G Diaphragm Vacuum Pump

- Flow rate 1.26 m³/h / Ultimate vacuum 2 mbar abs.
- High suction speed, particularly in the low vacuum range
- Integrated rotational speed control enables pumping capacity to be easily adapted to process requirements
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors
- Integrated gas ballast valve

CENTRIFUGAL CONCENTRATION.

PRECISE, HIGH-PERFORMANCE VACUUM FOR RAPID, GENTLE TREATMENT OF SAMPLES.

SPEED-CONTROLLED

N 920 G Diaphragm Vacuum Pump

- Flow rate 1.26 m³/h / Ultimate vacuum 2 mbar abs.
- High suction speed, particularly in the low vacuum range
- Integrated rotational speed control enables pumping capacity to be easily adapted to process requirements
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors
- Integrated gas ballast valve

LABOPORT®

CHEMICALLY RESISTANT

N 840.3 FT.18 Diaphragm Vacuum Pump

- Flow rate 2.04 m³/h / Ultimate vacuum 8 mbar abs.
- High level of vapor and condensate compatibility
- PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors

A POWERFUL PACKAGE

N 860.3 FT.40.18 Diaphragm Vacuum Pump

- Flow rate 3.6 m³/h / Ultimate vacuum 4 mbar abs.
- Integrated KNF self-drying system ensures that condensate is quickly removed from the pump heads without the vacuum being altered – processing times are markedly reduced as a result
- Chemically resistant and thus ideal for use with extremely aggressive/corrosive gases and vapors

VACUUM OVEN.

OUTSTANDING CHEMICAL AND CONDENSATE COMPATIBILITY WITH FAST EVACUATION OF LARGE VAPOR QUANTITIES.

LABOPORT®

TRIED AND TESTED

N 820.3 FT.40.18 and N 840.3 FT.40.18
Diaphragm Vacuum Pump

- Flow rate up to 2.04 m³/h / Ultimate vacuum 10 mbar abs.
- Integrated KNF self-drying system ensures that condensate is quickly removed from the pump heads without the vacuum being altered – processing times are markedly reduced as a result
- Chemically resistant and thus ideal for use with extremely aggressive/corrosive gases and vapors

A POWERFUL PACKAGE

N 860.3 FT.40.18 Diaphragm Vacuum Pump

- Flow rate 3.6 m³/h / Ultimate vacuum 4 mbar abs.
- Integrated KNF self-drying system ensures that condensate is quickly removed from the pump heads without the vacuum being altered – processing times are markedly reduced as a result
- Chemically resistant and thus ideal for use with extremely aggressive/corrosive gases and vapors

MULTI-USER VACUUM SYSTEMS.

INEXPENSIVE, SPACE-SAVING SOLUTIONS FOR SUPPLYING VACUUM TO DIFFERENT APPLICATIONS.

LABOBASE®

QUIET

SC 950 Vacuum Pump System

- Flow rate 3 m³/h / Ultimate vacuum 2 mbar abs.
- Remote-controlled operation for safety when mounted in laboratory furniture
- Automated, precise boiling point recognition and control

CONSTANT

SBC 840.40 and SBC 860.40 Vacuum System

- Flow rate up to 3.6 m³/h / Ultimate vacuum up to 4 mbar abs.
- For up to ten users
- Fully-automated vacuum generation system comprising chemically resistant diaphragm vacuum pump, base plate, high-performance condenser, separator, vacuum control device, valves and control unit

VACUUM CONTROL

VC 900 Vacuum Control Unit

- Control of the vacuum application
- Separate control unit with pressure sensors and two-step controlled valve to be placed independently from the operating unit
- Easy to use

		LABOPORT® N 86 KT.18	LABOPORT® N 816.3 KT.18	LABOPORT® N 816.1.2 KT.18	LABOPORT® N 938.50 KT.18	N 920 G	LABOPORT® N 810.3 FT.18	LABOPORT® N 820.3 FT.18	LABOPORT® N 840.3 FT.18	LABOPORT® N 842.3 FT.18	LABOPORT® SD N 820.3 FT.40.18	LABOPORT® SD N 840.3 FT.40.18	N 860.3 FT.40.18	LABOBASE® SBC 840.40	LABOBASE® SBC 860.40
APPLICATION	**Filtration**	x	x	x	x				x						
	SPE	x	x		x										
	Degassing		x		x	x		x							
	Fluid aspiration	x	x				x								
	Gel drying					x		x							
	Rotary evaporation					x		x	x	x			x		
	Distillation					x				x			x		
	Vacuum oven										x	x	x		
	Multi-user vacuum systems													x	x
	Centrifugal concentration					x			x				x		
	Metering / Transferring liquids														
TECHNICAL DATA	**Flow rate (m³/h) at atm. pressure**	0.33	0.96	1.8	1.8	1.26	0.6	1.2	2.04	2.04	1.2	2.04	3.6	2.04	3.6
	Ultimate vacuum (mbar abs.)	160	20	160	15	2	8	8	8	2	10	10	4	10	4
	Operating pressure (bar)	2.5	0.5	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1
	Flow rate (ml/min) with water at 20 °C and zero pressure head														
	Flow rate (l/min) with water at 20 °C and zero pressure head														
	Pressure head (mWg)														
	Suction head (mWg)														
	Connectors for tube (mm)	ID 4	ID 6	ID 6	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 10	ID 12	ID 10	ID 10
	Permissible media and ambient temperature	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	Media temp.: + 5 … +40 °C Ambient temp.: +10 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C	+5 … +40 °C
	Weight (kg)	1.9	3.95	3.95	6.8	8.5	6.9	9.3	12.6	13.4	9.6	12.9	14.8	22.9	25.3
	Dimensions L x H x W (mm)	164 x 141 x 90	361 x 141 x 90	361 x 141 x 102	317 x 212 x 110	324 x 226 x 158	281 x 187 x 140	312 x 207 x 154	341 x 226 x 166	341 x 223 x 167	312 x 220 x 177	341 x 239 x 189	331 x 278 x 291	450 x 515 x 322	437 x 552 x 314
MATERIAL	**Pump head**	PPS	PPS	PPS	PPS	PPS	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
	Diaphragm	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated	PTFE-coated
	Valves	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM	FFPM
ACCESSORIES	**Coolant valve – G 1/2, ID 8**													Order no. 045075	Order no. 045075
	Silencer	Order no. 000345	Order no. 000345		Order no. 007006	Order no. 007006									
	Hose connector	G1/8 ID4 PVDF Order no. 025671 G1/8 ID6 PVDF Order no. 123363 G1/8 ID4 PA Order no. 001936 G1/8 ID6 PA Order no. 000360 G1/8 ID8 PA Order no. 004975	G1/8 ID6 PVDF Order no. 123363 G1/8 ID6 PA Order no. 000360 G1/8 ID8 PA Order no. 004975		G1/8 ID10 PVDF Order no. 112004										
	Fine control valve with pressure gauge	Order no. 001786													
	Fine control valve with vacuum gauge	Order no. 001787	Order no. 0057830	Order no. 0057830	Order no. 112432	Order no. 112432									
	Small flange, stainless steel					Order no. 046625									
	Gas washing bottle, 0.5 l													Order no. 045886	Order no. 045886
	Non-return valve – unregulated, for fume hoods (PE-HD)													Order no. 118366 Order no. 118364	Order no. 118366 Order no. 118364
	Vaccum supply point – unregulated, for installation in laboratory equipment (PPS)													Order no. 118362	Order no. 118362
	Mobile controller unit for regulated vacuum supply (chemically-resistant)													Order no. 048459	Order no. 048459

		SCC 950	SC 920	SC 950	VC 900	LABOPORT® SC 820	LABOPORT® SC 840	SIMDOS® 02	SIMDOS® 10	LIQUIPORT® NF 100	LIQUIPORT® NF 300
APPLICATION	Filtration										
	SPE										
	Degassing										
	Fluid aspiration										
	Gel drying										
	Rotary evaporation	x	x	x	x	x	x				
	Distillation	x	x	x	x						
	Vacuum oven										
	Multi-user vacuum systems			x	x						
	Centrifugal concentration										
	Metering / Transferring liquids							x	x	x	x
TECHNICAL DATA	Flow rate (m^3/h) at atm. pressure	3	1.2	3		1.2	2.04				
	Ultimate vacuum (mbar abs.)	2	2	2		8	8				
	Operating pressure (bar)					1	1				
	Flow rate (ml/min) with water at 20 °C and zero pressure head							0.03 – 20	1 – 100		
	Flow rate (l/min) with water at 20 °C and zero pressure head									0.2 – 1.3	0.5 – 3.0
	Pressure head (mWg)							60	60	10 (60 with LIQUIPORT® NF 1.100)	10 (60 with LIQUIPORT® NF 1.300)
	Suction head (mWg)							2	3	3	3
	Connectors for tube (mm)	pneumatic: ID 10 coolants: ID 8 inert gas: ID 4	pneumatic: ID 10 coolants: ID 8 inert gas: ID 6	pneumatic: ID 10 coolants: ID 8 inert gas: ID 4	pneumatic: ID 10 coolants: ID 10 inert gas: ID 4	pneumatic: ID 10 coolants: ID 8	pneumatic: ID 10 coolants: ID 8	ID 1.6/AD 3.2	ID 4/AD 6	ID 8	ID 12
	Permissible media and ambient temperature	+10 … +40 °C	+5 … +40 °C	+5 … +40 °C	+10 … +40 °C	+5 … +40 °C	+5 … +40 °C	Ambient temp.: +5 … +40 °C Liquid temp.: +5 … +80 °C	Ambient temp.: +5 … +40 °C Liquid temp.: +5 … +80 °C	Ambient temp.: +5 … +40 °C Liquid temp.: +5 … +80 °C	Ambient temp.: +5 … +40 °C Liquid temp.: +5 … +80 °C
	Weight (kg)	16.1	15.0	14.5	1.2	16.0	19.3	0.9	0.9	1.0	1.5
	Dimensions L x H x W (mm)	353 x 376 x 487	423 x 366 x 294	487 x 246 x 313	181 x 101 x 67	397 x 289 x 506	417 x 289 x 506	130 x 140 x 87	130 x 140 x 87	130 x 99 x 177	160 x 104 x 188
MATERIAL	Pump head	PPS	PPS	PPS		PTFE	PTFE	PP, PVDF or PTFE	PP, PVDF or PTFE	PP, PVDF or PTFE	PP, PVDF or PTFE
	Diaphragm	PTFE-coated	PTFE-coated	PTFE-coated		PTFE-coated	PTFE-coated	PTFE	PTFE	PTFE	PTFE
	Valves	FFPM	FFPM	FFPM		FFPM	FFPM	FFKM	FFKM	FFKM	FFKM
ACCESSORIES	Coolant valve – G 1/2, ID 8	Order no. 117121	Order no. 117121	Order no. 117121		Order no. 045075	Order no. 045075				
	Column fixture	for remote control Order no. 301313	for remote control Order no. 120132					Order no. 160474	Order no. 160474	Order no. 160474	Order no. 160474
	Wall fixture	for remote control Order no. 301314	for remote control Order no. 120130					Order no. 160473	Order no. 160473	Order no. 160473	Order no. 160473
	Foot switch for version RC (RC = flow rate can be set both manually and via an external control device)							Order no. 155872	Order no. 155872	Order no. 155872	Order no. 155872
	In-line filters							FS 60 T PVDF Mesh opening 70 µm Order no. 165210 FS 60 X PEEK Mesh opening 35 µm Order no. 165212	FS 25 T PVDF Mesh opening 70 µm Order no. 165211 FS 25 X PEEK Mesh opening 35 µm Order no. 165213		
	Charging station	Order no. 129478									
	Power-supply unit				Order no. 302033						

		RC 900	RC 600	C 900
APPLICATION	Rotary evaporation	x	x	x
TECHNICAL DATA	Heating bath: Heating bath temperature (°C)	20 – 180	20 – 180	
	Working temperature range (°C)			-10 – +40
	Coolant supply parameters (condenser): - Permissible pressure (bar) - Permissible temperature - Coolant-coated surface (cm^2)	 3 -15 – +20 1230	 3 -15 – +20 1230	
	Cooling capacity (W)			250
	Parameters of evaporation flask: - Size of evaporation flask - Rotational speed of evaporation flask (1/min) - Length of stroke (mm) - Lifting speed (mm/s)	 50 – 3000 25 – 250 150 38	 50 – 3000 25 – 250 150 38	
	Temperature stability (°C)			± 0.5
	Filling volume (l)			1.7 – 2.6
	Cooling agent			R134a
	Temperature control			PID temperature control
	Weight (kg)	9.1	9.1	27
	Dimensions L x H x W (mm) - without glass (footprint) - with glass	- 447 x 464 x 431 447 x 823 x 487	- 453 x 464 x 431 453 x 823 x 487	235 x 520 x 400 - -
ACCESSORIES	Protective cover heating bath	Order no. 127204	Order no. 127204	
	Refill valve	Order no. 300639	Order no. 300639	
	Coolant valve	Order no. 300853		
	Vacuum seal	Order no. 113046	Order no. 113046	
	Dry ice cold finger	Order no. 301696	Order no. 301696	

Wall fixture

Column fixture

Foot switch

In-line filters FS 60

In-line filters FS 25

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