



Restek Air

Step Up to Rocker and Chemker Vacuum Pumps from Restek

- Quiet, reliable performance
- Oil-free and chemical resistant options
- Perfect for a wide range of applications



RESTEK

Pure Chromatography

www.restek.com

Reliable Performance for a Wide Range of Applications



SPECIFICATIONS FOR ROCKER VACUUM PUMPS

Model	Rocker 300		Rocker 300DC	Rocker 400		Rocker 410		Rocker 500		Rocker 600 <i>Discontinued</i>		Rocker 610 <i>Discontinued</i>	
Voltage	110 V, 60 Hz	220 V, 50 Hz	DC 12 V	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz
Max. power (W)	65	60	35	100	80	100	80	100	100	190	180	190	180
Max. current (A)	0.7	0.3	3	1.0	0.4	1.0	0.4	0.8	0.5	1.7	1	1.7	1
Max. vacuum	-670 mm Hg		-650 mm Hg	-670 mm Hg		-730 mm Hg		-650 mm Hg		-650 mm Hg		-730 mm Hg	
Max. flow rate	21 L/min	18 L/min	25 L/min	37 L/min	34 L/min	23 L/min	20 L/min	28 L/min	23 L/min	65 L/min	62 L/min	41 L/min	36 L/min
Moisture trap / vacuum regulator	Yes		Yes	Yes		Yes		-	-	Yes		Yes	
Overflow protection	Yes		Yes	Yes		Yes		-	-	Yes		Yes	
Motor rotation	1700 rpm	1450 rpm	1800 rpm	1750 rpm	1450 rpm	1750 rpm	1450 rpm	3200 rpm	3000 rpm	1700 rpm	1450 rpm	1700 rpm	1450 rpm
Horsepower	1/8 HP		1/8 HP	1/6 HP		1/6 HP		1/8 HP		1/4 HP		1/4 HP	
Noise level	50 dB		50 dB	52 dB		52 dB		60 dB		62 dB		62 dB	
Port thread	5/16 inch (8 mm)		5/16 inch (8 mm)	5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	4.1 kg		3.5 kg	5.2 kg		5.2 kg		4.1 kg		7.6 kg		7.6 kg	
Dimensions (L x W x H)	27.2 x 12.1 x 16.5 cm		27.2 x 12.1 x 16.5 cm	29.8 x 14.3 x 17.2 cm		29.8 x 14.3 x 17.2 cm		29.8 x 14.3 x 17.2 cm	-	34.1 x 17.6 x 19.4 cm		34.1 x 17.6 x 19.4 cm	

Rocker Vacuum Pumps

- Oil-free vacuum pumps are piston powered, so they do not pollute the air and require minimal maintenance.
- Quiet, low-vibration units keep disturbances to a minimum.
- Built-in thermal protector automatically shuts off pump if it overheats and then restarts it once the unit is cool.
- Inlet filter traps particles and removes moisture, prolonging pump life.
- International CE and CSA certification.
- Applications include filtration for air sampling, microbiology, suspended solid test, vacuum oven, thermal desorption (TD) tubes, sampling bags (regulator recommended for TD tubes and sampling bags), and general use. (Not intended to evacuate air canisters.)
- Two-year pump warranty.

Description	Instrument	Flow Capacity	Used with	Voltage	qty.	cat.#
Vacuum Pump	Rocker 300	21 L/min	For use with automotive type 12 V battery.	AC110 V, 60 Hz	ea.	27424
	Rocker 300	18 L/min		AC220 V, 50 Hz	ea.	27425
	Rocker 300DC	25 L/min		DC Power (12 V)	ea.	27447
	Rocker 400	37 L/min		AC110 V, 60 Hz	ea.	27432
	Rocker 400	34 L/min		AC220 V, 50 Hz	ea.	27433
	Rocker 410	23 L/min		AC110 V, 60 Hz	ea.	27434
	Rocker 410	20 L/min		AC220 V, 50 Hz	ea.	27435
	Rocker 500	28 L/min		AC110 V, 60 Hz	ea.	27436
	Rocker 500	23 L/min		AC220 V, 50 Hz	ea.	27437

Rocker Accessories for Vacuum Pumps

Description	Includes	Instrument	qty.	cat.#
Conversion Kit	hex spanner #10 (1); hex spanner #12 (1); L-type hex Allen key #3 (1); L-type hex Allen key #5 (1); and moisture trap/vacuum regulator for Rocker series compressor (1)	for Rocker 300/500 to 320/520	kit	27464
	hex spanner #10 (1); hex spanner #12 (1); L-type hex Allen key #3 (1); L-type hex Allen key #5 (1); and moisture trap/vacuum regulator for Rocker series compressor (1)	for Rocker 400 to 420	kit	27465
Repair Kit	on/off switch (1); moisture trap with drain valve (1); air filter [air outlet], (1); rubber valve plates (2); Prote filter cartridge [overflow protection] for Rocker 300/400/410/430 (1); connecting rod set (1); and O-ring (1)	for Rocker 300/500 (for PPS cylinder block)	kit	27452
	on/off switch (1); moisture trap with drain valve (1); air filters [air outlets], (2); rubber valve plates (4); Prote filter cartridge [overflow protection] for Rocker 300/400/410/430 (1); connecting rod sets (2); and O-rings (2)	for Rocker 400 (for PPS cylinder block)	kit	27455
	on/off switch (1); moisture trap with drain valve (1); air filter [air outlet], (1); rubber valve plates (4); Prote filter cartridge [overflow protection] for Rocker 300/400/410/430 (1); connecting rod sets (2); and O-rings (2)	for Rocker 410 (new cylinder block)	kit	27456
Plastic Bottle Trap w/ Flow Regulator			ea.	27446
Vacuum Regulator/ Moisture Trap		for Rocker Compressor Series	ea.	27444
		for Rocker Vacuum Series	ea.	27442

Tubing for Rocker and Chemker Vacuum Pumps

Description	Includes	qty.	cat.#
Silicone Tubing, 6 mm ID, 12 mm OD, 1 m length		ea.	27468
PVC Tubing (mesh style) for high vacuum pumps, 6.35 mm ID, 12.35 mm OD, 152 cm length	Two clamps	ea.	27469

Chemker Vacuum Pumps

- PTFE wetted parts are highly resistant to corrosive gases.
- Diaphragm-based pump is low maintenance and virtually pollution free.
- Quiet, low-vibration units keep disturbances to a minimum.
- Built-in thermal protector automatically shuts off pump if it overheats and then restarts it once the unit is cool.
- International CE and CSA certification.
- Applications include vacuum filtration, gel electrophoresis, solid-phase extraction, solvent purification, and general use. (Not intended to evacuate air canisters.)



27426

Description	Instrument	Flow Capacity	Voltage	qty.	cat.#
Vacuum Pump	Chemker 300 PTFE	20 L/min	AC110 V, 60 Hz	ea.	27426
	Chemker 300 PTFE	18 L/min	AC220 V, 50 Hz	ea.	27427
	Chemker 400 PTFE	38 L/min	AC110 V, 60 Hz	ea.	27428
	Chemker 400 PTFE	33 L/min	AC220 V, 50 Hz	ea.	27429
	Chemker 410 PTFE	20 L/min	AC110 V, 60 Hz	ea.	27430
	Chemker 410 PTFE	18 L/min	AC220 V, 50 Hz	ea.	27431

Chemker Accessories for Vacuum Pumps

Description	Includes	Instrument	qty.	cat.#
Repair Kit	on/off switch (1); diaphragm (1); spring (1); valve plates (2); and O-rings (3)	for Chemker 300	kit	27460
	on/off switch (1); diaphragms (2); springs (2); valve plates (4); and O-rings (11)	for Chemker 400	kit	27461
	on/off switch (1); diaphragms (2); springs (2); valve plates (4); and O-rings (6)	for Chemker 410	kit	27462
Vacuum Regulator/Moisture Trap		for Chemker Series	ea.	27443

SPECIFICATIONS FOR CHEMKER VACUUM PUMPS

Model	Chemker 300		Chemker 400		Chemker 410	
Voltage	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz
Max. power (W)	70	60	90	90	90	90
Max. current (A)	0.8	0.32	1.1	0.5	1.2	0.5
Max. vacuum	-670 mm Hg		-670 mm Hg		-750 mm Hg	
Max. flow rate	20 L/min	18 L/min	38 L/min	33 L/min	20 L/min	18 L/min
Motor rotation	1700 rpm	1450 rpm	1700 rpm	1450 rpm	1700 rpm	1450 rpm
Horse power	1/8 HP		1/6 HP		1/6 HP	
Noise level	50 dB		50 dB		50 dB	
Port thread	5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	5.0 kg		7.0 kg		7.0 kg	
Dimensions (L x W x H)	20.3 x 11.2 x 20.9 cm		26.7 x 11.2 x 18.1 cm		26.2 x 14.8 x 18.2 cm	

RESTEK
Pure Chromatography

Questions? Contact us or your local Restek representative (www.restek.com/contact-us).

Restek patents and trademarks are the property of Restek Corporation. (See www.restek.com/Patents-Trademarks for full list.) Other trademarks in Restek literature or on its website are the property of their respective owners. Restek registered trademarks are registered in the U.S. and may also be registered in other countries. To unsubscribe from future Restek communications or to update your preferences, visit www.restek.com/subscribe. To update your status with an authorized Restek distributor or instrument channel partner, please contact them directly.

© 2021 Restek Corporation. All rights reserved. Printed in the U.S.A.

www.restek.com



Lit. Cat.# GNSS2319A-UNV