

Modular Vacuum Systems, controlled Vacuum

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Chemically-resistant LABOPORT® Vacuum Systems with two Separators

Technical features:

- Maintenance-free
- Silent
- Simple connection to the line power (power plug) and to the pneumatic system
- Environmentally friendly
- Separation of solvent drops in the gas (at the pressure side)
- Collection of particles in the system (at the suction side)
- Easy to expand or convert

SR Systems, modular

The SR vacuum systems are equipped with the LABOPORT-series chemically-resistant diaphragm pump of your choice (refer to the table/overview "modular accessories"). SR systems include two separators. There is a wide range of applications for these vacuum systems in laboratories, whenever clean, constant vacuum is required.

The heart of the very compact LABOPORT pumps used in the vacuum systems is KNF structured diaphragm. This patented diaphragm was stress-optimized using the finite elements method. As a result, we were able to make the pumps smaller while increasing the service life of the diaphragm.

For laboratory applications, there is a wide variety of vacuum pumps with many different performance levels and various modular system components. The systems listed here are fully assembled at the factory. They can be converted quickly and easily; special tools are not required.

**Complete SR vacuum systems with:
chemically-resistant diaphragm pump of your choice,
base plate, two separators for suction and pressure side
including tubing ready to connect.**

System	Delivery (l/min) ¹⁾	Ultimate vacuum (mbar abs)	Operating pressure (bar g)	Motor ~230V/50Hz operating current (A)/ power P ₁ (W)	Pneumatic connections for tube ID	Weight (kg)	Dimensions (LxHxW) (mm)	Built in pump type
SR system comprising pump, base plate and two separators								
SR 810	10	100	1	0.6/100	10 mm	8.4	312/227/232	N 810 FT.18
SR 810.3	10	8	1	0.6/90	10 mm	9.4	312/227/232	N 810.3 FT.18
SR 820	20	100	1	0.9/130	10 mm	9.4	312/227/252	N 820 FT.18
SR 820.3	20	8	1	0.7/120	10 mm	11.6	312/227/252	N 820.3 FT.18
SR 840	34	100	1	1.35/180	10 mm	12.6	334/227/266	N 840 FT.18
SR 840.3	34	8	1	1.8/245	10 mm	14.9	334/227/266	N 840.3 FT.18

¹⁾ at atm. pressure

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Dimensions (see table)

