

# Modular Vacuum Systems, controlled Vacuum

INNOVATIVE  
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NEUBERGER



## 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 <sup>3)</sup>	Delivery (l/min) <sup>1)</sup>	Ultimate vacuum (mbar abs)	Operating pressure (bar g)	Motor ~230V/50Hz operating current(A)/ power P <sub>1</sub> (W) <sup>2)</sup>	Pneumatic connections for tube ID	Weight (kg)	Dimensions (LxHxW) (mm)	Built in pump type
<b>SR system comprising pump, base plate and two separators</b>								
SR 810	10	8	1	0.6/90	10 mm	9.4	312/227/232	N 810.3 FT.18
SR 820	20	8	1	0.7/120	10 mm	11.6	312/227/252	N 820.3 FT.18
SR 840	34	8	1	1.8/245	10 mm	14.9	334/227/266	N 840.3 FT.18

<sup>1)</sup> at atm. pressure <sup>2)</sup> Motors with other voltages, frequencies on request

<sup>3)</sup> systems with single head pumps and lower vacuum on request

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Dimensions (see table)

