



Kool°P series. Thermoelectric cooling.

Thermoelectric cooling . For medical and laboratory analysis technology and for complex laser systems in the low power range.

Temperature control. Automatic heating and cooling operation of the refrigerant.

More cooling capacity. In addition to a standard cooling capacity of 500 W¹, the booster variant enables a net cooling capacity of up to 680 W.¹

Corrosion-resistant. The cooling unit is completely sealed to prevent corrosion caused by condensation.

Ideally equipped. Excellent sensors and adjustable cooling and pumping capacity.

Reliable. High temperature stability (< 0,1 K possible) with quiet operation at the same time.

Variant. Optionally available as 19" rack or standalone solution.

Sustainable and future-proof. Refrigerant-free cooling solution with compact dimensions.

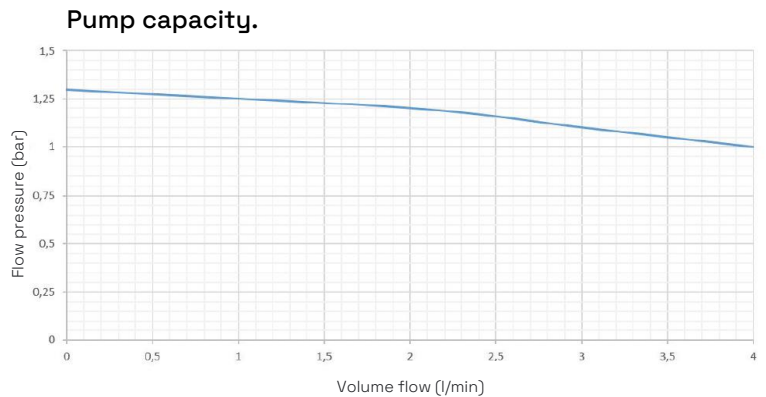
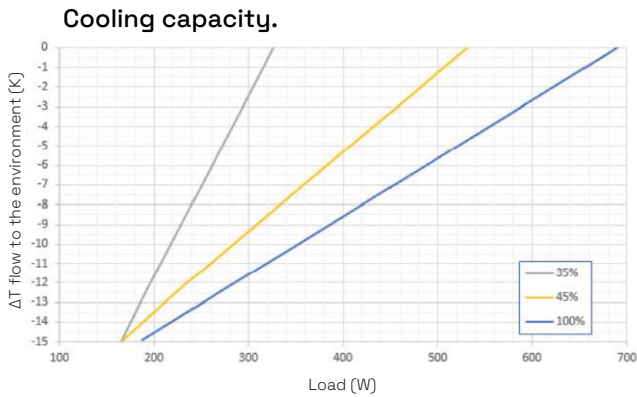
Low maintenance and low vibration cooling system. Due to the use of Peltier technology.

Future-proof cooling solution in compact design.

For medical and laboratory analysis technology and for complex laser systems in the low power range.

The thermoelectric cooling solutions of the Kool°P series from Riedel Kooling offer a high cooling capacity with nevertheless compact dimensions. This makes them ideal for use in medicine and laboratory analysis technology, but also for cooling complex laser systems in the low power range.

The heart of the low-vibration cooling systems is the Peltier element. The net cooling capacity in the standard version is 500 W¹. If more cooling capacity is required, the booster variant with up to 680 W¹ net cooling capacity is used. The Kool°P cooling systems also offer excellent sensor technology as well as controllability.



The ideally equipped cooling solutions offer high temperature stability and are optionally available as a plug-in variant for a 19" rack or classically as a standalone solution.

Dimensions and equipment.



Kool°P 0.5 Standalone

Cooling capacity¹:	500 W (max. 680 W)
Dimensions:	450 x 300 x 450 (LxWxH in mm)
Weight:	approx. 12 kg
Power supply:	230V AC
Tank capacity:	1,2l
Ambient temperature:	10 °C up to 35 °C
Coolant temperature:	max. 60 °C
Delivery capacity (external):	max. 4l /min



Kool°P 0.5 Rack

Cooling capacity¹:	500 W (max. 680 W)
Dimensions:	516 x 442 x 177 (LxWxH in mm)
Weight:	approx. 14 kg
Power supply:	230V AC
Tank capacity:	1,2l
Ambient temperature:	10 °C up to 35 °C
Coolant temperature:	max. 60 °C
Delivery capacity (external):	max. 4l /min

Further features.

Display with sensor, error and function display
Automatic venting system
Level sensor in the tank
Dry-running protection

RS485 data bus
Ethernet TCP-IP (optional)
Error output (optional)
Warning output (optional)

¹ Cooling capacity at a temperature difference of 0 K between the coolant supply temperature and the ambient temperature.



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