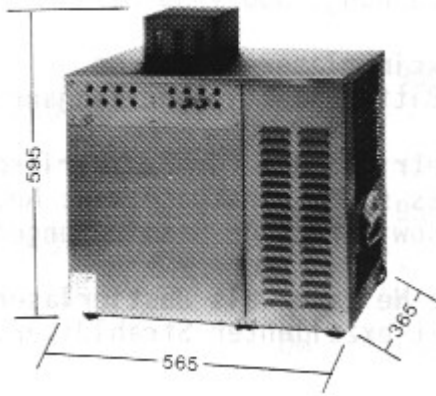


## Cooling aggregates

### For cooling lasers and other laboratory equipment



Our cooling systems (water/air) and heat exchangers (water/water) are completely made of stainless steel and can be operated with anti-corrosive coolants which prevent a corrosion of excimer lasers as well as a calcination of laser cooling circulators.

The cooling power of our cooling systems is between 0.5 - 6 kW.

They are equipped with efficient recirculation pumps, which provide a flow rate of 10 - 15 l/min in excimer lasers for example.

Our cooling systems RDK Maxi can be extended to a total of three cooling circulators by the use of two additional pumps. Thus a simultaneous cooling of up to three lasers or one laser and several dye circulators is possible with only one cooling system. The cooling systems RDK Midi can be equipped with one additional pump.

On principle, inexpensive custom-made systems can be supplied with only minor changes to our standard systems.

Our RDK systems are not designed for de-ionised water or other aggressive media, on request, they can also be supplied for these coolants.

### Cooling systems (water/air)

	<b>RDK Mini</b>	<b>RDK Midi</b>	<b>RDK Maxi</b>
cooling power:	0,5 kW	1 kW	1,5 kW
coolant reservoir :	7 l	30 l	50 l
Pump :	KTC 31	KTC 33	KTC 33
Dimensions:	295 x 385 x 460 mm <sup>3</sup>	565 x 365 x 595 mm <sup>3</sup>	605 x 405 x 665 mm <sup>3</sup>

All our cooling systems can also be equipped with water gauge and outside thermometer (Surcharge). All cooling systems have a thermostat (approx. 8 - 18 °C) and a temperature stabilisation ( $\pm 2$  °C).

### **Electronic temperature stabilisation**

1 °C optional