

IKA

designed for scientists



RV 10 auto pro V-C Complete

/// Технический паспорт

The RV 10 auto pro V-C Complete package is the complete solution for your rotary evaporator setup.

In addition to the rotary evaporator RV 10 auto, the package includes the heating bath HB digital with a capacity of 4 liters, the vacuum pump VACSTAR digital and the recirculating chiller RC 2 lite. All components and connections required for operation are included.

The RV 10 auto is the flagship of the IKA rotary evaporator product line. Among other features, it impresses with its innovative and intuitive operation via a brilliant TFT color graphic display, an integrated vacuum controller, cooling water

www.ika.com

Производитель оставляет за собой право технических изменений



IKAworlwide



IKAworlwide /// #lookattheblue



@IKAworlwide



designed for scientists

monitoring and sophisticated safety standards. The RV 10 auto offers all characteristics for efficient, safe and economical operation. This includes the automatic regulation of the vacuum and the amount of cooling water. The individually adjustable cleaning cycle of the vacuum controller reduces the maintenance interval and at the same time extends the service life of the system.

Thanks to specially designed glass guides, the transparently coated vertical condenser with 3 cooling coils uses the cooling surface of 1500 cm² extremely efficiently. The RV 10 auto allows the user to carry out individual processes via the extended programming of ramps. Other innovative features such as soft start, clockwise and anticlockwise rotation in intermittent operation or the timer function for controlling time sequences make everyday laboratory work easier. Safety is ensured by the motorized lift with 'safety-stop' function. In the event of a power failure, it automatically lifts the evaporation flask out of the heating bath. In addition, individually adjustable safety temperature circuits, dry run protection, adjustable end position detection to protect against glass breakage, coated glass sets and a locking function ensure user safety. The USB or RS-232 interface allows remote control using the IKA software labworldsoft® and the option of updating using the Firmware Update Tool.

The included vacuum pump VACSTAR digital is extremely space-saving and achieves a minimum vacuum of 2 mbar. It is controlled directly by the drive unit RV 10 auto using the data cable supplied and enables automatic boiling point detection.

The compact recirculating chiller RC 2 lite with a strong 400 watt cooling capacity and a powerful pressure and suction pump (0.35 bar) is designed for simple cooling tasks down to -10 °C. The easily accessible and easy-to-clean mesh filter made of stainless steel ensures a consistently high cooling performance for years. Thanks to the natural refrigerant R290, the RC 2 lite is particularly environmentally friendly and well prepared for the future.



designed for scientists

Технические данные

Тип конденсатора	вертикальный
Охлаждающая поверхность [см ²]	1500
Тип привода	Постоянный ток
Диапазон вращающего момента [rpm]	5 - 280
Изменяемое направление (переключаемое)	да
Подъем	Двигатель
Подъем [mm]	140
Диапазон нагревания температур [°C]	Температура окр. среды - 180
Мощность нагрева [W]	1300
Колебание температур нагрева [±K]	1
Полезный макс. объем бани [l]	3
Вакуумный регулятор интегрирован	да
Точность измерения +/- [mbar]	2
Диапазон регулирования вакуума [mbar]	1050 - 1
Диапазон измерения вакуума [mbar]	1050 - 1
Таймер	да
Размеры [mm]	500 x 430 x 440
Вес [kg]	21.5
Допустимая температура окружающей среды [°C]	5 - 40
Допустимая относительная влажность [%]	80
Класс защиты согласно DIN EN 60529	IP 20
Разъем RS 232	да
Напряжение [V]	220 - 240 / 115 / 100 - 120 / 100 - 115
Частота [Hz]	50/60
Потребляемая мощность [W]	1400