



What is the best way to clean the system with a Hei-VOLUME Distimatic Pro automatic module?

A special cleaning mode is available for the Hei-VOLUME Distimatic Pro module. You can choose between the quick flushing of the educt line, residue line and rotary flask or an evaporation process to clean all components (including collector vessel and glassware). For flushing, use a solvent suitable for the substances you process.

Can I work manually with the Hei-VOLUME Distimatic Pro automatic module if I have smaller samples?

The Hei-VOLUME Distimatic Pro module has a special mode for manual operation. You can conveniently fill the rotary flask with a tap using the system vacuum. The distillate is drained automatically. The residue must be emptied manually in this mode.

Can a rotary evaporator with a Hei-VOLUME Distimatic Pro automatic module also be used unattended, e.g. overnight?

Yes. Thanks to sensor monitoring and emergency shutdown, unattended operation of an entire system is possible. The Hei-VOLUME Distimatic Pro automatic module is specifically designed to work safely overnight without the need for further monitoring. After processing the entire medium or in the event of a fault, the complete system including the peripheral devices is put into an operationally safe condition.

Can the automatic module Hei-VOLUME Distimatic Pro also be used with an existing evaporator?

The automatic modules Hei-VOLUME Distimatic Pro are only compatible with Heidolph rotary evaporators in order to guarantee the efficiency and the safety in the process with overpressure of the entire system.

What maximum viscosity can be obtained with the Hei-VOLUME Distimatic Pro automatic module?

With the Hei-VOLUME Distimatic Pro module, viscosities of up to 1500 mPas can be obtained. When processing viscous media, use the optional heating tape for the residue line.

Can media with solids content be processed with the Hei-VOLUME Distimatic Pro automatic module?

No, media with solids content cannot be processed with the Hei-VOLUME Distimatic Pro automatic module.

Can a system with a Hei-VOLUME Distimatic Pro automatic module replace a 50 l rotary evaporator?

Yes. With the ability to process high volumes automatically, a system with a Hei-VOLUME Distimatic Pro automatic module can replace a 50 l evaporator. You benefit not only from the space savings, but also from the simplified handling compared to manual systems.

While the medium capacity of a 50 liter rotary evaporator is limited to approx. 25 liter, you can however process completely automatically higher volumes with a Hei-VOLUME Distimatic Pro for example from a 200 l flask.

Why are the evaporation rates of an evaporator system with a Hei-VOLUME Distimatic Pro automatic module higher than those of a manually operated system?

Due to the automated feed of only a small amount of medium in the rotary flask, the conditions in the overall system are constant in terms of the parameters – temperature and vacuum. This eliminates long heating times due to the introduction of new medium. The stability of the level in the rotary flask ensures that there is no need to readjust the vacuum value in manual operation to maintain a high-performance evaporation process.

It also eliminates the time normally spent manually changing or draining the rotary flasks and receiving flasks.

All these factors contribute to the fact that the evaporation rates of an automated system are significantly higher than those of a manual solution.