

VAPODEST – Precision meets innovation

Steam distillation made easy



- Flexible analytics
- Customised automation
- Functional design
- Compliant with standards
- Environmentally friendly
- High work safety
- Comprehensive support
- Integrated software

VAPODEST – Precise distillation with a system. Intelligent. Efficient. Compliant.

Models with various
levels of automation



C. Gerhardt's VAPODEST systems offer a precise and reliable solution for steam distillation in modern laboratories. They are specially designed for the determination of nitrogen using the Kjeldahl method and for distillation of volatile acids, sulphur dioxide, TVB-N, ammonium, formaldehyde, phenol, alcohol and other volatile substances. The intelligent and user-friendly systems enable efficient and safe operation.

— Flexibly adapts to your everyday laboratory routine

The right system for every scenario: thanks to a selection of digestion tubes with volumes ranging from 100 ml to 1200 ml, VAPODEST offers a high degree of flexibility in terms of sample matrix and preparation. Up to 99 pre-programmed methods can be saved, easily adapted and retrieved. This saves valuable time and increases efficiency.

— Efficiency through automation

Thanks to various degrees of automation, laboratory work is optimally and individually supported. The automatic addition of chemicals, programmable distillation times, and automated titration reduce the workload for laboratory staff. The integrated online titration shortens the analysis time even further. In addition, C. Gerhardt's titration technology takes into account the temperature dependence of the pH value, which in turn increases precision – especially for samples with low nitrogen content.

— Modern and functional design

VAPODEST combines aesthetics with functionality. The robust, chemical-resistant housing is designed for demanding everyday laboratory use. The 7-inch touchscreen offers an intuitive user interface for easy operation. The illuminated distillation chamber facilitates visual monitoring of the entire distillation process, thereby increasing process reliability. The compact design saves valuable laboratory space.



— Data protection

Thanks to features such as password-protected user management at various levels, VAPODEST meets the highest safety and quality standards. The data management and traceability features in accordance with ISO 17025 and GLP enable easy validation and integration of the system into the laboratory environment.

— Environmentally friendly technology

Environmentally friendly features contribute to process and cost optimisation: for example, precise cooling water management reduces water consumption and the integrated energy-saving mode reduces energy consumption.

— Safety

Integrated safety features such as the transparent protection door, the secured steam generator and the self-diagnostic function protect laboratory personnel. The soft start function and continuous regulation of steam introduction prevent strong chemical reactions, keeping the laboratory safe and the apparatus clean. In an emergency, overflowing liquids can be disposed of rapidly and easily using the removable drip tray.

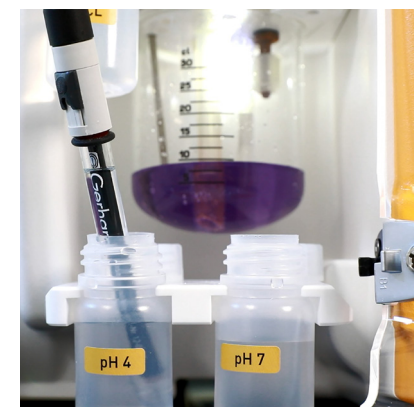
— Support

C. Gerhardt offers support at all levels: tailor-made service and maintenance services include maintenance, repairs and technical support. A comprehensive application database and personalised training courses support operators in meeting the applicative challenges of everyday laboratory work.



C. Gerhardt Dashboard

The control software creates a network connection and integration via IP address. This allows sample-related data to be imported and exported. Multiple access from different user levels enables flexible working. Integration can be carried out in an existing LIMS system.



Original consumables for precise and reliable results

Our consumables are precisely tailored to Gerhardt system – for maximum precision and reproducibility. High-quality reagents and ISO 9001-compliant manufacturing ensure consistently high quality without contamination.

Production in Europe guarantees short delivery routes, high availability and stable supply chains. With a reliable ordering service, fair prices and flexible service concepts, you receive the optimal solution for your analytical system.





Overview of VAPODEST models:

Type	H ₂ O addition programmable	H ₃ BO ₃ addition programmable	Suction sample waste	Automatic titration	Suction receiver	Automatic sample change
VAP 200	--	--	--	--	--	--
VAP 300	•	--	•	--	--	--
VAP 400	•	•	•	--	--	--
VAP 450	•	•	•	--	•	--
VAP 450 with titration	•	•	•	with external titrator	•	--
VAP 500	•	•	•	with integrated titration	•	--
VAP 500 C fully automatic	•	•	•	with integrated titration	•	•

The NaOH additive is programmable on all models.

Stay in touch:

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We offer:
Product info:

Consultation, online demo, full service
www.gerhardt.de/en/vapodest

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