

KJELDATHERM – More analysis, less work.

Versatile nitrogen analysis



- Automated process
- High work safety
- Flexible configuration
- Easy handling
- Customisable systems
- Reliable operation
- Compliant with standards
- Sustainable efficiency

KJELDATHERM – Efficient digestion by system. Automated. Reproducible. Compliant.

The Kjeldahl method is the dominant reference method for determining nitrogen content. Thanks to its high flexibility in weighing and thus also in sample matrices, it is popular in many laboratories. The method consists of three main steps: digestion, distillation and titration.

Modern devices such as the Kjeldahl systems from C. Gerhardt optimise these three steps by automating and simplifying the analytical processes. This makes everyday laboratory work safe and efficient.

— Automated operation – no waiting times

With the auto-heating function, the block is ready to go as soon as you are. 30 predefined methods ensure standardised, reproducible results – even under time pressure. Laser-engraved rack numbering ensures clear sample allocation.

— More safety at every step of the process

The surrounding heat shield effectively protects against burns. The automatic lift function ensures ergonomic working – even when fully loaded. LED lighting, a viewing window for visual inspection, acoustic warning systems and an easily removable drip tray increase operational safety. The control unit on the automatic model is removable and can be operated outside of the fume hood.

— Fits into every laboratory routine

Flexibly adjust the amount of acid to suit your sample type, whether solid or liquid, and easily digest even greasy and inhomogeneous samples. Keep highly foaming samples under control with the adjustable heating power.

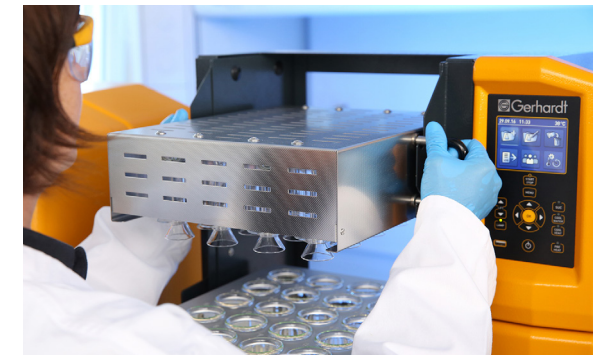


— Built to last

Acid-resistant coating and enamelled base provide reliable protection against corrosion. The maintenance-friendly design and durable wearing parts make operation planable. The control unit remains wear-resistant thanks to its external placement outside the fume hood.

— Audit-compliant right away

User management and data archiving are carried out in accordance with ISO 9001, ISO 17025 and GLP. User-based access control protects your data. All parameters can be saved automatically and transferred to the LIMS via USB.



— More throughput. Less energy.

The EcoKit reduces the cooling time to less than 15 minutes. Depending on the model, this allows for up to 40 additional samples per day. The intelligent temperature maintenance function saves additional energy during breaks.



— Easy Navigation. Automatic documentation.

Colour display with clear visualisation: 3.5' (KT-L) or 2.5' (KT). The menu navigation is intuitive. The pre-programmed method library can be expanded. The entire digestion and documentation process is automatic.

— Seamlessly integrable and expandable

The separately available suction units, TURBOSOG or VACUSOG, ensure safe steam suction. It couldn't be easier: the samples remain in the same sample tubes for further treatment in VAPODEST according to the Kjeldahl method.



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 KJELDATHERM models:

Models with lift	Models w/o lift	Heating places	Glass sizes
KTL 8s	KT 8s	8	250/300 ml
KTL 8s-BS	KT 8s-BS	8	400 ml
KTL 20s	KT 20s	20	250/300 ml
KTL 20s-BS	KT 20s-BS	20	400 ml
KTL 40s	KT 40s	40	100 ml

Stay in touch:

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We offer:

Consultation, online demo, service

Product information:

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