

BLOCK DIGESTION UNITS

LARGE SELECTION OF EQUIPMENT AND ACCESSORIES

C. Gerhardt has redeveloped the globally successful KJELDATHERM® block digestion units.

The KJELDATHERM® range offers high-precision, programmable digestion units for Kjeldahl digestion in 100, 250 or 400 ml digestion tubes. Depending on the sample volume, you can choose between 8, 20 or 40 place systems.

The components of your Kjeldahl system are so easy to configure that they will fit perfectly into your everyday laboratory work.



PRECISE TEMPERATURE CONTROLLER

- + Control accuracy +/- 0.5%
- + 99 programs with max. 40 heating stages can be programmed
- + 30 predefined methods
- + Variable heating speeds...

HIGH QUALITY COMPONENTS

- + Aluminium digestion block with optimum energy utilisation and effective all-round insulation
- + Enamelled, acid-resistant surface
- + Sample tubes and extraction unit made of high quality Duran® glass
- + Housing is extra corrosion-protected...

SAFETY FEATURES

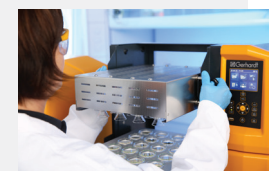
- + Thermally insulated handles
- + Drip tray for collecting acid residue
- + Safety temperatures can be set
- + Acoustic and visual error warnings
- + Exhaust equipment switches on automatically
- + Overheating protection...

CONVENIENCE FUNCTIONS

- + Illuminated digestion chamber
- + Pre-heating function for warming up the digestion block
- + Version KT-L has programmable lift function
- + Insert racks with numbered sample positions
- + Standardised conditions for digestion
- + Comprehensive range of accessories...

ACCREDITED LABORATORIES

- + Lighting and side windows enable the standard requirement to monitor for sample residues
- + Password protection
- + User levels with access rights
- + Saves up to 30 digestion processes with temperatures, date and timestamp
- + Data export for LIMS
- + Supports the requirements of ISO 17025, GLP etc.
- + Can be used for standard-compliant results (e.g. DIN EN ISO, AOAC, EPA, ASTM, EU Directive, APHA, Ph.Eur. 2.5.33 Method 7, Procedure A)



COMPREHENSIVE RANGE OF ACCESSORIES

Large selection of sample tubes and insert racks

Different tube sizes and shapes can be used for every conceivable application, expanding the possibilities many times over.

- + Sample tubes: 250/300 ml, 100 ml and 400 ml
- + Insert racks: 8-place, 20-place, 40-place

KJELCAT catalyst tablets

Highly effective catalyst tablets for a wide variety of applications. Perfectly coordinated for use with C. Gerhardt digestion units. Available in packaging units of 1,000 pieces.

- + KJELCAT catalyst tablets, e.g. type Se, Cu, CuTi or Cu light
- + Anti-foaming tablets for strongly foaming samples

TURBOSOG

Compact scrubber system for extraction and neutralisation of aggressive acid fumes.



OVERVIEW OF THE MODELS

KJELDATHERM® KT-L (with lift function)

Block digestion unit with programmable controller unit, including data management, illuminated digestion chamber, pre-heat function...

Type	Hotplates	Tube sizes	Max. T°	Dimensions (W/D/H)	Weight	Order no.*
KT-L 8s	8	250/300 ml	430°C	515/483/748 mm	approx. 44 kg	12-0704
KT-L 8s-BS	8	400 ml	430°C	515/483/748 mm	approx. 44 kg	12-0706
KT-L 20s	20	250/300 ml	430°C	515/483/748 mm	approx. 53 kg	12-0729
KT-L 20s-BS	20	400 ml	430°C	515/483/748 mm	approx. 53 kg	12-0731
KT-L 40s	40	100 ml	430°C	515/483/748 mm	approx. 53 kg	12-0745

* 230 V version, special voltages on request

KJELDATHERM® KT (without lift function)

Block digestion unit with programmable controller unit, including data management and pre-heat function...

Type	Hotplates	Tube sizes	Max. T°	Dimensions (W/D/H)	Weight	Order no.*
KT 8s	8	250/300 ml	430°C	515/483/728 mm	approx. 31 kg	12-0700
KT 8s-BS	8	400 ml	430°C	515/483/728 mm	approx. 31 kg	12-0702
KT 20s	20	250/300 ml	430°C	515/483/728 mm	approx. 40 kg	12-0725
KT 20s-BS	20	400 ml	430°C	515/483/728 mm	approx. 40 kg	12-0727
KT 40s	40	100 ml	430°C	515/483/728 mm	approx. 40 kg	12-0743

* 230 V version, special voltages on request

For detailed technical data and order information for the individual device types and for the accessories and consumables, please request our **KJELDATHERM®** product data sheet.