

CLASSIC DIGESTION APPARATUS



Apparatus for classic, manual Kjeldahl digestion processes with tried and tested C. Gerhardt quality. Serial heating unit with 6 individually adjustable heaters with 50 ml, 100 ml, 250 ml, 500 ml or 750 ml Kjeldahl flasks

For subsequent distillation in the VAPODEST®, there is a apparatus with special flasks adapted to the VAPODEST®. Complete with glass exhaust manifold, flask adapters, Kjeldahl flasks, stands and mains cable.

The apparatus for 500 ml and 750 ml flasks has to be permanently connected by an electrician.

A water jet pump or the TURBOSOG suction system can be connected to extract gases.

Scope of delivery Serial heating unit KI

- 1 set of Kjeldahl flasks
- Glass exhaust manifold with adapters
- 2 holders for glass exhaust manifold
- Instruction manual

Order information

Order No.	Type	Description
10-0024	KI 8/16	Digestion apparatus Kjeldahl for 6 x 50 ml flasks, 230 VAC 50-60 Hz
10-0025	KI 8/16	Digestion apparatus Kjeldahl for 6 x 100 ml flasks, 230 VAC 50-60 Hz
10-0026	KI 8/16	Digestion apparatus Kjeldahl for 6 x 250 ml flasks, 230 VAC 50-60 Hz
10-0250	KI 8/16	Digestion apparatus Kjeldahl for 6 x 250 ml KD flasks, 230 VAC 50-60 Hz (flask KD with enlarged neck, suitable for distillation system VAPODEST®)
10-0033	KI 11/26	Digestion apparatus Kjeldahl for 6 x 500 ml flasks, 400 V 3P+N, 50-60 Hz*
10-0251	KI 11/26	Digestion apparatus Kjeldahl for 6 x 500 ml KD flasks, 400 V 3P+N, 50-60 Hz* (flask KD with enlarged neck, suitable for distillation system VAPODEST®)
10-0034	KI 11/26	Digestion apparatus Kjeldahl for 6 x 750 ml flasks, 400 V 3P+N, 50-60 Hz*
		Version 115 V
10-0218	KI 8/16	Digestion apparatus Kjeldahl for 6 x 50 ml flasks, 115 V, 50-60 Hz
10-0219	KI 8/16	Digestion apparatus Kjeldahl for 6 x 100 ml flasks, 115 V, 50-60 Hz
10-0220	KI 8/16	Digestion apparatus Kjeldahl for 6 x 250 ml flasks, 115 V, 50-60 Hz
10-0222	KI 11/26	Digestion apparatus Kjeldahl for 6 x 750 ml flasks, 115 V, 60 Hz

* Has to be permanently connected by an electrician

Technical data

Type	KI 8/16	KI 11/26
Max. Temperature [°C]	600	650
Heating places	6	6
Size of flasks [ml]	50, 100, 250	500, 750
Dimensions W / D / H [mm]	600 / 250 / 300	900 / 250 / 300
Weight [kg]	8	15
Nominal voltage [V]	230, 115	400 V 3P+N, 115
Frequency [Hz]	50 - 60	50 - 60 ¹⁾
Nominal wattage [W]	1800	3480

1) Version 115 V only 60 Hz

Accessories

Order No.	Type	Description
10-0101	GR6mi	Glass manifold 6-fold, for digestion apparatus KI8/16
10-0103	GR6ma	Glass manifold 6-fold, for digestion apparatus KI 11/26
10-0104	HGR	Holder for glass manifold
10-0074	K50	Kjeldahl flask, 50 ml
10-0075	K100	Kjeldahl flask, 100 ml
10-0076	K250	Kjeldahl flask, 250 ml
10-0077	K500	Kjeldahl flask, 500 ml
10-0078	K750	Kjeldahl flask, 750 ml
10-0088	WSP	Water jet pump
12-0057	TUR/K	TURBOSOG-scrubber unit with preseparator

Catalyst- and Antifoam tablets

Order No.	Type	Description
12-0326	Se	KJELCAT-tablets, 3,5 g K_2SO_4 + 0,0035 g Se 1.000 pcs
12-0328	Cu	KJELCAT-tablets, 5,0 g K_2SO_4 + 0,5 g $CuSO_4 \times 5H_2O$ 1.000 pcs
12-0329	CuTi	KJELCAT-tablets, 5,0 g K_2SO_4 + 0,15 g $CuSO_4 \times 5H_2O$ + 0,15 g TiO_2 1.000 pcs
12-0336	Cu light	KJELCAT-tablets, 5,0 g K_2SO_4 + 0,1 g $CuSO_4 \times 5H_2O$ 1.000 pcs
12-0332	AS	Antifoam tablets, 0,97 Na_2SO_4 + 0,03 g silicone antifoam 1.000 pcs

More accessories and consumables on request.