

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.