

# CLASSIC DISTILLATION APPARATUS



Apparatus for classic, manual Kjeldahl distillation 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.

Complete, with Kjeldahl flasks, Reitmair tops, condenser tubes, discharge tubes, Erlenmeyer flasks, all rubber connectors, stands and mains cable.

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

**Scope of delivery** Serial flask heater KI  
Complete distillation attachment  
Kjeldahl flasks  
Erlenmeyer flasks  
Instruction manual

## Order information

Order No.	Type	Description
10-0037	KI 9/16	Distillation apparatus Kjeldahl for 6 x 50ml flasks, 230 V 50-60 Hz
10-0038	KI 9/16	Distillation apparatus Kjeldahl for 6 x 100ml flasks, 230 V 50-60 Hz
10-0039	KI 9/16	Distillation apparatus Kjeldahl for 6 x 250ml flasks, 230 V 50-60 Hz
10-0042	KI 12/26	Distillation apparatus Kjeldahl for 6 x 500ml flasks, 400 V 3P+N, 50-60 Hz*
10-0043	KI 12/26	Distillation apparatus Kjeldahl for 6 x 750ml flasks, 400 V 3P+N, 50-60 Hz*
		<b>Version 115 V</b>
10-0225	KI 9/16	Distillation apparatus Kjeldahl for 6 x 100ml flasks, 115 V, 60 Hz
10-0227	KI 12/26	Distillation apparatus Kjeldahl for 6 x 500ml flasks, 115 V, 60 Hz
10-0228	KI 12/26	Distillation apparatus Kjeldahl for 6 x 750ml flasks, 115 V, 60 Hz

\* Has to be permanently connected by an electrician

## Technical data

Type	KI 9/16	KI 12/26
Max. Temperature [°C]	600	650
Heating places	6	6
Size of flasks [ml]	50, 100, 250	500, 750
Dimensions W / D / H [mm]	650 / 380 / 950	950 / 380 / 950
Weight [kg]	25	35
Nominal voltage [V]	230, 115	400 V 3P+N, 115
Frequency [Hz]	50 - 60 <sup>1)</sup>	50 - 60 <sup>1)</sup>
Nominal wattage [W]	1800	3480

1) Version 115 V only 60 Hz

## Accessories

Order No.	Type	Description
10-0087	KB	Cork block, base for Erlenmeyer receiver
10-0079	E100	Erlenmeyer flask 100 ml
10-0080	E300	Erlenmeyer flask 300 ml
10-0099	AD	Holder for distillation flasks
10-0070	Rmi	Reitmair distilling attachment, for flasks 50 ml, 100 ml, 250 ml
10-0071	Rma	Reitmair distilling attachment, for flasks 500 ml and 750 ml
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

## 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.