

Kjeldahl

Kjeldahl Assembly

For macro-scale nitrogen determinations using the Kjeldahl method.

- ◆ Combined Kjeldahl digestion/distillation unit
- ◆ 6-place, 500ml flask capacity
- ◆ Supplied ready for self-assembly without extra tools
- ◆ Self-standing frame

Manual, combined digestion/distillation assembly comprising self-standing, open ended mounting frame with three mesh shelves, two 6-place heater banks for digestion and distillation respectively, 6-hole plastic vapour exhaust tube for removing digestion fumes with end caps (one with ferrule for connection to a water jet pump supplied) and glassware/connection set.

Glassware/connection set

Includes the following items. All glassware supplied is borosilicate.

- 12 x Kjeldahl flasks, 500ml
- 6 x Conical receiver flasks, 500ml
- 6 x Condensers
- 6 x Splash heads
- 6 x Drip tubes

plus connecting tubing, stoppers, rods, bossheads and clamps necessary to provide a working system.

Kjeldahl assembly

As described. Overall assembled H x W x D 1560 x 1220 x 460mm. Weight 42kg. Each heater bank requires a 230V 50Hz single phase supply and is rated at 3300W. Supplied without reagents.

KJ120-15 Kjeldahl assembly

Kjeldahl flasks, Pyrex – see *Flask section*.

Fume hoods – see *Furniture section*.

Jointed Kjeldahl glassware – see *Quickfit section*.

Soxhlet extraction assemblies – see *Quickfit section*.



KJ120

Kjeldahl Heater Units

Cole-Parmer®
an antylla scientific company

With built-in energy regulator control for each recess.

Macro Digestion/Distillation Units, Cole-Parmer EH-200-series

With choice of two or six recesses and flask capacities as table. Recesses are at 150mm centres. Aluminium case with energy regulators and brackets to accept 12.5mm diameter support rods or the flask rest supplied. The 6-recess models have also clamps at either end of the case to accept 15.8mm diameter support rods. Maximum heater element temperature 800°C. For 230V a.c. single phase supplies. Formerly Electrothermal MQ38xx-series

	Model EH-200-	Recesses	Flask capacity, ml	Total rating, W	Dimensions W x D, mm
KJ300-12	2	2	100 to 300	600	305 x 203
KJ300-16	2-L	2	500 to 800	1100	305 x 203
KJ305-16	6-L	6	500 to 800	3300	914 x 203

Spare heaters are available - details on request.



KJ300



KJ305