



Digestion systems, aluminium block type, K-432, K-437 and K-438



- Aluminium block heaters to 450°C
- Designed for high throughput labs. Choice of 12 or 20 place units
- Choice of digestion systems – 300mL systems for Kjeldahl applications, 500mL systems for environmental samples
- Programmable units with automated lift and data transfer, or manual stand-alone units
- Ideally suited to work with Büchi scrubbers and distillation units for safe operation

K-437

Manual units for the simultaneous safe digestion of up to 20 samples. The sample tubes are consistently heated and the digestion temperature and time can be entered and read on the display at all times. Accepts standard 300mL Kjeldahl tubes.

K-432/K-438

The corresponding models K-432 and K-438 are additionally equipped with an automatically controllable lift for raising and lowering sample tubes. This allows a completely automatic digestion procedure to take place and for the automatic lifting and cooling when the digestion is finished. Temperature profiles can be programmed for highly foaming or otherwise difficult samples. The units have a working memory for 9 programs to accommodate different applications.

For further accessories, please contact Customer Service or visit our website.

Technical Specification - Specific

	12830216	12004582
Programmable	No	12840216
Dimensions [w x d x h], mm	435 x 527 x 771	435 x 558 x 771

Technical Specification - General

Temperature, max., °C	450
Heat source	Aluminium heating block
Sample volume	500
Mass, kg	35
Electrical supply	230V 50/60Hz 2200W

	Catalogue No	Legacy No	Alt. No	Description
1	12004582	-	43980	K-432 Digestion unit Automat, 12 place
2	12830216	-	38584	K-437 Digestion unit, 20 place
3	12840216	-	38520	K-438 Digestion unit Automat, 20 place

Accessories

	Catalogue No	Legacy No	Alt. No	Description
	12850216	-	038559	Retainer plate, used in combination with the 20 place rack
	12870216	-	038640	Aspiration tube with condensation gutter, for rapid evaporation of aqueous samples
	12880216	-	014738	Connecting cable for B-414 scrubber
	10710533	-	10313032	Weighing boat, nitrogen-free, pack of 100
	13564700	-	11057980	Kjeldahl tablets Titanium, 3.5g K ₂ SO ₄ /0.105g CuSO ₄ ·5H ₂ O/0.105g TiO ₂
	13504710	-	11057981	Kjeldahl tablets Titanium, micro 1.5g K ₂ SO ₄ /0.045g CuSO ₄ ·5H ₂ O/0.045g TiO ₂
	13594700	-	11057982	Kjeldahl tablets Missouri, 4.98g K ₂ SO ₄ /0.02g CuSO ₄ ·5H ₂ O
	13584700	-	11057983	Kjeldahl tablets ECO, 3.998g K ₂ SO ₄ /0.002 CuSO ₄ ·5H ₂ O
	13574700	-	11057984	Kjeldahl tablets Antifoam, 0.97g Na ₂ SO ₄ /0.03g silicone
	13514710	-	11057985	Kjeldahl tablets Copper, micro, 1.5g K ₂ SO ₄ /0.15g CuSO ₄ ·5H ₂ O
	12840176	-	37377	Sample tubes 300mL, set of 4

For extraction thimbles, cellulose, please see Whatman® single and double thimbles on pages 675 to 676

