

FoodALYT MBS and SBS

Micro and Standard Kjeldahl Block Digestion Systems



The Micro and Standard Kjeldahl Block Digestion Units FoodALYT MBS and SBS allow heating samples in the suitable digestion tubes. They are particularly used for **quantification of total protein by nitrogen determination acc. to Kjeldahl**. The block digestion systems are equipped with a corrosion-resistant block casing made of stainless steel. They are equipable with 8 or 20 standard Kjeldahl digestion tubes of either 250 or 400 ml. The Micro Kjeldahl systems FoodALYT MBS are designed for small quantities. They are available with 16 or 40 tubes of 100 ml.

FoodALYT MBS 400L, SBS 5000L

The Block Digestion Systems of the L series are equipped with a fully automatic lift. This relieves the user of handling the heavy sample unit and hot chemicals. The software allows for a fully automatic digestion process. After an individually programmable cooling and suction time, the fume hood is raised into the final position. The programming allows for individually adaptable temperature profiles and starting times.

- Extremely simple and fast programming per one-button operation.
- Menu designed in various languages.
- 10 freely configurable programmes for block temperature and digestion time.
- Applications storable.
- High power heater and extraction hood with exhaust gas collector.
- Digestion vessels 100, 250 and 400 ml.
- RS 232-interface.
- CE-conform and certified.



Technical Data

Mains supply:	230 V / 50 Hz
Temperature-control range:	up to 450 °C, digitally adjustable
Time-setting range:	0 to 999 minutes, digitally adjustable
Programmes:	10
Steps per programme:	20
Display:	LCD

Items supplied:

All Block Digestion Units are delivered as complete systems, including digestion vessels, rack and extraction hood.

Type	No. of places	Vessels ml	Power W	Size (W x D x H)	Weight kg	PU	Order No.
FoodALYT MBS 160	16	100	1000	approx. 43 x 46 x 77 cm	ca. 23	1	4700111
FoodALYT MBS 400	40	100	2000	approx. 48 x 52 x 77 cm	ca. 33	1	4700112
FoodALYT SBS 800	8	250	1000	approx. 43 x 46 x 77 cm	ca. 23	1	4700004
FoodALYT SBS 2000	20	250	2000	approx. 48 x 52 x 77 cm	ca. 33	1	4700005
FoodALYT MBS 400L	40	100	2000	approx. 48 x 62 x 77 cm	ca. 40	1	4700113
FoodALYT SBS 5000L	20	250	2000	approx. 48 x 62 x 77 cm	ca. 40	1	4700007

Accessories for FoodALYT MBS / SBS

Type	Description	PU	Order No.
F-GF 100	digestion tube, 100 ml	1	4700114
F-GF 250	digestion tube, 250 ml	1	4700019
F-GF 400	digestion tube, 400 ml	1	4700033
KIELTABS	catalyst tablets, type CT, 5,0 g K ₂ SO ₄ , 0,15 g CuSO ₄ and 0,15 g TiO ₂	1	4010193
KIELTABS	catalyst tablets, type CX, 5,0 g K ₂ SO ₄ and 0,5 g CuSO ₄	1	4010192
KIELTABS	catalyst tablets, type CO, 1,5 g K ₂ SO ₄ and 0,15 g CuSO ₄	1	4750320