

# FoodALYT RS

Compact Heating Systems and Serial Heating Block Systems according to Soxhlet



RS 10



RS 60

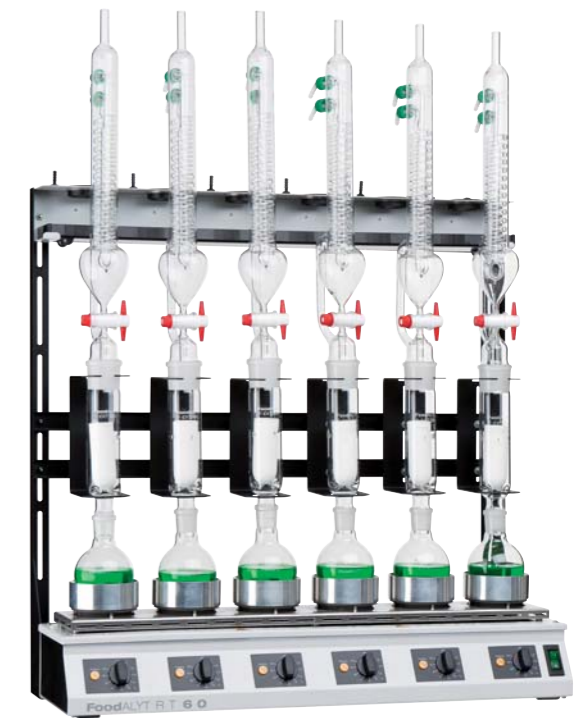


# FoodALYT RT

Compact Heating Systems and Serial Heating Block Systems according to Twisselmann



RT 10



RT 60

Compact Heating Systems as well as the Serial Heating Block Systems FoodALYT RS and RT are used for **standard fat extraction acc. to Soxhlet or Twisselmann.**

Depending on model and configuration, the unit consists of either 1, 4 or 6 individually adjustable heating positions for 250 or 500 ml flasks which are used in conjunction with extractors of 100 or 250 ml.

FoodALYT RS and RT are the economical and userfriendly units for extraction in this field of analysis.

Each sample position is individually adjustable.

- Cooling water distributor ensures even cooling at all sample positions.
- Practical stand for holding condensers securely between extractions.
- Mounts for safe holding spacers after removal of the reaction vessels.
- CE-conform and certified.

#### FoodALYT RS / RT 10:

- Compact unit with one sample position.
- Continuously adjustable heating control.

#### Items supplied:

Devices are supplied with heating block, glassware and holding frame. The system with 4 and 6 positions are equipped with a dripping pan and extraction thimbles.

Type	No. of places	Method of extraction	Size (W x D x H)	PU	Order No.
FoodALYT RS 10	1	Soxhlet	approx. 17 x 20 x 77 cm	1	4700070
FoodALYT RS 40	4	Soxhlet	approx. 53 x 32 x 83 cm	1	4700001
FoodALYT RS 60	6	Soxhlet	approx. 76 x 32 x 83 cm	1	4700000

#### Accessories for FoodALYT RS

Type	Description	PU	Order No.
F-EXS 100	extractor for 100 ml extraction	1	4700021
F-EXS 100 H	extractor for 100 ml extraction with stopcock	1	4700022
F-EXS 250 H	extractor for 250 ml extraction with stopcock	1	4700123
F-RK 100	reflux condenser for 100 ml extractors F-EXS 100 or F-EXS 100 H	1	4700025
F-EH 100	extraction thimbles for extractors F-EXS 100 and F-EXS 100 H	1	4700034
F-EH 250	extraction thimbles for extractors F-EXS 250 and F-EXS 250 H	1	4700125
F-PM 45	PTFE collar for NS 45	1	4700035

#### Technical Data

Mains supply: 230 V / 50 Hz

#### FoodALYT RS 10 / RT 10

Power: 450 W

Current consumption: 2 A

Weight (excl. glass): approx. 3 kg

#### FoodALYT RS 40 / RT 40

Power: 1140 W

Current consumption: 8 A

Weight (excl. vessels): approx. 15 kg

#### FoodALYT RS 60 / RT 60

Power: 2160 W

Current consumption: 10 A

Weight (excl. vessels): approx. 20 kg

Type	No. of places	Method of extraction	Size (W x D x H)	PU	Order No.
FoodALYT RT 10	1	Twisselmann	approx. 17 x 20 x 95 cm	1	4700071
FoodALYT RT 40	4	Twisselmann	approx. 53 x 32 x 102 cm	1	4700003
FoodALYT RT 60	6	Twisselmann	approx. 76 x 32 x 102 cm	1	4700002

#### Accessories for FoodALYT RT

Type	Description	PU	Order No.
F-EXT 100	extractor Twisselmann	1	4700023
F-RKT	reflux condenser Twisselmann	1	4700024

#### General Accessories

Type	Description	PU	Order No.
F-RUK 250	flat bottom flask, 250 ml	1	4700036
F-RUK 500	round bottom flask, 500 ml	1	4700124
F-RHB 4	serial heating block, 4 individually controllable heating points, $\phi = 90$ mm	1	4700037
F-RHB 6	serial heating block, 6 individually controllable heating points, $\phi = 90$ mm	1	4700038
F-HST 4	brackets for F-RHB 4, incl. 4 support rods	1	4700039
F-HST 6	brackets for F-RHB 6, incl. 6 support rods	1	4700040

# FoodALYT RD

## Extraction Unit according to Randall



RD 40

The Extraction Unit FoodALYT RD 40 is used for fat **extraction acc. to Randall** in food and feed.

This method dissolves certain substances within the sample via the following steps: immersion in boiling solvent, rinsing and drying by lifting the reaction vessel from the heated sample position.

FoodALYT RD 40 consists of 4 individually adjustable heating positions for 100 ml extraction thimbles. The hot extraction system acc. to Randall is up to five times faster than the conventional Soxhlet extraction.

- Cost savings through rapid extractions.
- Screwed extraction systems for optimum safety.
- Individual handling of each extraction thimble with sample.
- The analyst can lift or lower the complete extraction system with one lever.
- CE-conform and certified.

### Technical Data

Mains supply:	230 V / 50 Hz
Power:	max. 1500 W
Weight (incl. glassware):	approx. 35 kg
Dimensions (W x D x H):	approx. 54 x 61 x 66 cm

### Items supplied:

Delivery of FoodALYT RD 40 includes 25 extraction thimbles of 100 ml.



Type	Method of extraction	PU	Order No.
FoodALYT RD 40	Randall	1	4700072