

# Extraction

## for soil analysis



KEX 30

The standard extraction method for soil analysis is also the Soxhlet method. Soxhlet apparatus for Soxhlet extractions fulfil all the various requirements in everyday laboratory practice.

- Practical brackets for condensers and intermediate extraction pieces for safe storage between extractions
- Extractor sizes from 30 ml to 100 ml
- Single extraction units with one sample position
- Series extraction devices with 4, 6 or 8 sample positions
- Extractors with specially developed siphon tubes (make: "Bröckerhoff") guarantee consistent extraction cycles across all sample positions
- Extractors with taps remove the need for additional distillation after the extraction
- Condensers with threaded fittings

### Complete single extraction units

Complete single extraction units with base frame, heating device, bracket, tubes and glass apparatus (reaction flask, extractor, Dimroth condenser for extraction). Infinitely variable heating control. After the extraction cycle, the extractors with tap conduct the solvent directly into the dispensing bottle. Includes extraction thimbles and boiling chips in a sample pack.

#### Complete single extraction units

Make	Item description	Item no.
KEX 30	30 ml extraction	B00217706
KEX 30 F	30 ml extraction with tap	B00217738
KEX 100	100 ml extraction	B00217708
KEX 100 F	100 ml extraction with tap	B00217710

### Technical data for the single extraction unit

	KEX 30
Voltage/Frequency	230 VAC/ 50/60 Hz
Power consumption	450 W
Weight	approx. 7.5 kg
Dimensions in cm (W x D x H)	approx. 23 x 33 x 71.5

### Accessories for 30 ml extractions

Make	Item description	Item no.
EZ 30	Soxhlet extractor, 30 ml	B00217966
EZ 30/H	Soxhlet extractor, 30 ml, with tap	B00217977
EX 30 HS	Extraction thimbles for EZ 30, package includes 25 units	B00600440
PTFE 29	PTFE sleeves for 30 ml extractors, package includes 12 units	B00217905
RK 100	Round-bottom flask, 100 ml, for 30 ml extractions, (NS29/32)	B00218501
RFK 30	Reflux condenser for 30 ml extractions	B00217955

## behrotest® series extraction devices

behrotest® series extraction devices are the cost-effective and user-friendly solution for classic Soxhlet and fat extractions:

- Complete with reaction vessels, intermediate extraction pieces and condensers
- Energy individually adjustable for every sample position
- Cooling water distribution strip ensures uniform cooling at sample positions
- Extractors with specially developed siphon tubes (make: "Bröckerhoff") guarantee consistent extraction cycles across all sample positions
- Practical condenser ledge to safely deposit the condenser between extractions
- Brackets for safely holding the intermediate extraction pieces after removing the sample container
- S models: Extractors with taps remove the need for additional distillation after the extraction



R 108 S

behrotest® series extraction devices - round-bottom flasks

Make	Sample positions	Tap	Extractor content ml	Item no.
R 304	4	-	30	B00218433
R 306	6	-	30	B00218434
R 308	8	-	30	B00602363
R 304 S	4	+	30	B00218443
R 306 S	6	+	30	B00218444
R 308 S	8	+	30	B00602364
R 104 S	4	+	100	B00218425
R 106 S	6	+	100	B00218424
R 108 S	8	+	100	B00441134

behrotest® series extraction devices - flat-bottom flasks

Make	Sample positions	Tap	Extractor content ml	Item no.
R 104 S-SK	4	+	100	B00585692
R 106 S-SK	6	+	100	B00520234
R 108 S-SK	8	+	100	B00600445



R 306 S

## Accessories for 100 ml extractions

Make	Item description	Item no.
EZ 100	Soxhlet extractor, 100 ml	B00217967
EZ 100/H	Soxhlet extractor, 100 ml, with tap	B00217970
EX 100 HS	Extraction thimbles for EZ 100, package includes 25 units	B00600442
PTFE 45	PTFE sleeves for 100 ml extractors	B00217909
RK 250	Round-bottom flasks, 250 ml, for 100 ml extraction	B00218499
RFK 100	Reflux condenser for 100 ml extractions	B00218214
AM 100/94	for 100 ml round-bottomed flasks including spacing inlay	B00217701