

Heating Block Systems, DET, Behr

The behrotest® DET universal system for distillations, thermal reactions and extractions provides a cost-effective alternative for laboratories performing frequently changing procedures and analyses.

It can be used, for example, in

- cyanide determination
- extraction

and numerous water and food analysis applications.

The core module includes a heating block accommodating five 65 mm diameter vessels. The temperature range is 20 to 300°C. Also included in the core module are a cooling water distributor and a temperature/time controller.

Expansion kits for specific applications consist of the additional glassware and gas flow connections which when combined with the core module, constitute a complete workstation for a particular analysis or procedure.

DET core module

The core module includes a heating block accommodating five 65 mm diameter vessels. The temperature range is 20 to 300°C. Also included in the core module are a cooling water distributor and a temperature/time controller. DET core module as basis for the extension kits.

Article	Order No.
① DBAS DET core module	80 48 50020

DET extension kits

Article	Order No.
② DGC DET extension kit for total cyanide	80 48 50021
Extension kit for the DET DBAS core module, with all the equipment needed for distillation to determine total cyanide.	
DLFC DET extension kit for readily liberated cyanide	80 48 50022
Round-bottom vessels and special electrodes for determining readily liberated cyanide.	
DE30 DET extension kit for Soxhlet extraction, 30 ml	80 48 50023
Extension kit for the DET DBAS core module, with all the equipment needed for Soxhlet extraction, 30 ml.	
DE100 DET extension kit for Soxhlet extraction, 100 ml	80 48 50024
Extension kit for the DET DBAS core module, with all the equipment needed for Soxhlet extraction, 100 ml.	
③ DFE100 DET extension kit for fat extraction, 100 ml	80 48 50025
Extension kit for the DET DBAS core module, with all the equipment needed for fat extraction, 100 ml.	

Extension kits for further determinations in environmental and food analysis: aqua regia digestion of heavy metal samples, COD, hydroxiprolin, OH count, arsenic, selenium etc. Please ask.

Accessories for the DET heating block system

Stands for reaction vessels with 65 mm Ø

Article	Order No.
DES 5	80 48 52010
For DET 5/DET 5 HT glass apparatus	
DES 11	80 48 52020
For DET 11/DET 11 HT glass apparatus	

Reaction vessels

Article	Order No.
500 ml , for cyanide determination	80 48 51001
250 ml , for selenium, sulfide-sulfur distillation and extraction	80 48 51014
round bottom	80 48 51050
For readily liberated cyanide and determination of total cyanide in the behrotest® CN 6	

Reflux condensers

Article	Order No.
for 30-ml extractors EZ 30	80 48 41011
for cyanide determination	80 48 51002
for 100 ml extractors EZ 100 or EZ 100/HAHN	80 48 51070

Extractors

Article	Order No.
for 30-ml extractions	80 48 41031
for 100-ml extractions	80 48 41032
for 100-ml fat extractions	80 48 41035



Compact distillation apparatus for cyanide determination

Complete compact systems for cyanide determination. With base frame, heater, flow meter(s), tubing and glass apparatus.

Article	Order No.
④ KTC Compact system for distillation to determine total cyanide	80 48 00524
⑤ KLFC Compact system for blowing out the readily liberated cyanide	80 48 00525
⑥ KLFC 2 Compact system for blowing out the readily liberated cyanide, 2 sampling points	80 48 00526

