Apparatus for Waste Water Analysis, Behr

Tenside blowoff device for determination of methylene blue and bismuth active substances

A complete device consists of stand, transverse supports, mountings, gas washing bottles, volumetric flow meters and tenside blowoff columns.

	Article	Order No.
①	**Complete apparatus with 3 tenside blow-out columns** Holding 1 liter, plus accessories	**80 48 00103**
	Tenside blowoff column, 1 l	**80 48 00111**

behrotest® distillation apparatus for determination of inorganic total combined flouride

As defined in DIN 38405-D4-2. The complete apparatus is mounted on a stable laboratory stand. A contact thermometer and relay heating control makes the unit suitable for large analysis series. The apparatus is made up of the following:

- distillation device made of borosilicate glass for water vapor - acid
- NS 14/23 standard ground contact thermometer
- heating hood for distilling flask
- round flask, nominal volume 1000 ml
- volumetric flask, nominal volume 500 ml

	Article	Order No.
②	behrotest® distillation apparatus	**80 48 00320**

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.
③	**KTC** Compact system for distillation in the determination of total cyanide	**80 48 00524**
④	**Distillation apparatus KTC-MR** Compact system with magnetic stirrer for liberation and separation operation in the determination of total cyanide	**10 48 00532**

DET analysis system for cyanide determination

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.

Article	Order No.
⑤ DBAS DET core module	**80 48 50020**

DET extension kits

Article	Order No.
DGC DET extension kit for total cyanide Extension kit for the DET DBAS core module, with all the equipment needed for distillation to determine total cyanide.	**80 48 50021**
DLFC DET extension kit for readily liberated cyanide Round-bottom vessels and special electrodes for determining readily liberated cyanide.	**80 48 50022**

Accessories for the DET heating block system

Stands for reaction vessels with 65 mm Ø

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

behrotest® CN 6 complete decomposition and separation apparatus for determining total cyanide

Decomposition and separation apparatus for determining total cyanide in a maximum of 6 rounded or flat bottom vessels simultaneously. Simultaneous heating and stirring using an integrated magnetic stirrer with adjustable 4-speed RPM setting.

Article	Order No.
⑥ behrotest® CN 6	**80 48 50000**

behrotest® digestion apparatus for determining easily releasable cyanide

The apparatus meets the requirements of DIN/DEV 38405 D 14. The design of the reaction flask guarantees high recovery rates and lets you perform digestion on large sample series with minimal space requirements. The apparatus is mounted on a stable laboratory stand. It is easy to operate and clean.

The complete five position digestion apparatus consists of:

- bottom base
- system mounting
- gas distribution
- distribution with volumetric flow meter
- reaction flask
- cork rings
- filling funnels
- offtake tubes with connecting elbows
- adsorption vessels
- adapters
- ground stoppers
- gas water bottle
- diaphragm vacuum pump
- CE 2 pH electrode

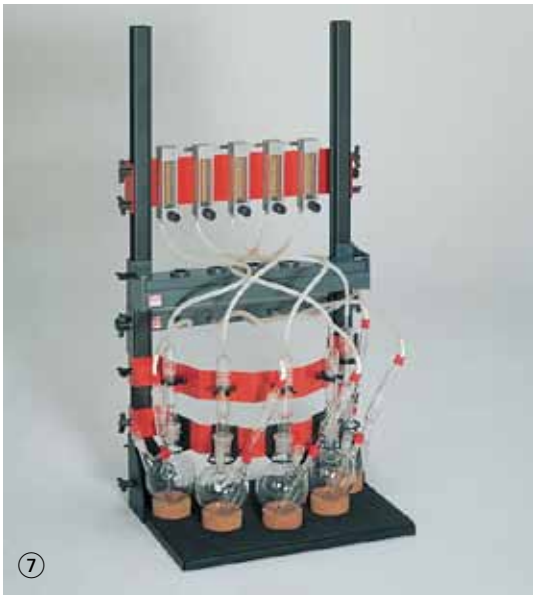
Article	Order No.
⑦ behrotest® digestion apparatus	**80 48 00330**

Apparatus for determination of organic content water

Article	Order No.
Separator for separating organic extract according to DIN 38406	**80 48 00201**

Microseparators for determining Polycyclic Aromatic Hydrocarbon in drinking water

Article	Order No.
According to DIN 38409 H 13-2, standard joint NS 14	**80 48 00220**
According to DIN 38409 H 13-3, standard joint NS 29	**80 48 00225**
Reducing flask, 100 ml With cylindrical neck, for determination of Polycyclic Aromatic Hydrocarbons	**80 48 00221**



Microseparator for determining slightly volatile halogen hydrocarbons

Article	Order No.
According to DIN 38407 F 4, standard joint NS 19	**80 48 00230**

Article	Order No.
⑧ **behrotest® funnel separator MSE 29**	**80 48 00380**

For isolation of lipophilic substances from water using liquid phase extraction. Combines the advantages of a microseparator and a separating funnel.
The design of the behrotest® funnel separator facilitates simple, clean separation of the phases or the emulsion. The entire organic phase can easily be transferred in the removable separator funnel top for further processing.

behrotest® sample preparation devices used during determination of the hydrocarbon index

According to ISO 9377-4 (also DEV H 53 in Germany).
behrotest®PFL sampling bottles are ideal for direct extraction as defined in the standard. The bottles with glass stoppers offer advantages in terms of handling and safety.
The **behrotest®funnel separator** facilitates separation of the organic phase. The various functional groups of the system can be separated. This allows the user to simply and quickly transfer the organic phase in one step to a clean-up column. It also makes it easy to clean the individual functional groups.

Article	Order No.
⑨ **EX 1000**	**80 48 00202**

Extraction units including a 1000 ml sampling bottle, solid glass topper, 60 ml funnel separator.
The **behrotest®clean-up column** with glass frit fully conforms to the requirements of the new ISO 9377-4 standard.
The practical **dual stand** provides firm support for two complete clean-up units with dropping funnel, clean-up column and Kuderna-Danish flask. The unit lets you perform the complete clean-up step on two samples simultaneously without interruption caused by time-consuming maniupulation of equipment or samples.

Article	Order No.
CUS 2	**80 48 00203**

Station for simultaneous clean-up of 2 samples, consisting of a stand, 2 graduated 100 ml evaporation flasks, 2 clean-up columns, pore diameter 2.
On the **behrotest®nitrogen station,** a manifold guides the nitrogen stream via two individually adjustable flow regulators into the Kuderna-Danish flask. Thus, two samples can be evaporated simultaneously using the ISO 9377-4 method.

Article	Order No.
⑩ **KOSTA**	**80 48 00204**

Determination of the hydrocarbon index as defined in ISO 9377-4 or DIN/DEV 38409 - H 53: Nitrogen station for simultaneous evaporative concentration of 2 samples. The nitrogen flow can be individually adjusted for each sample.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