

behr Devices

for standard analysis in animal feed



Extraction

Determination of dioxine (PCDD/ PCDF) and dioxine-like PCB contents

- Extraction units for 1 sample place
- In-line extraction devices for 4, 6 or 8 sample places

Determination of crude oil and fat content

- Extractors according to Soxhlet
- Extractors according to Twisselmann
- Extractors according to Randall

Determination of vitamin A content

- Special extractors with inert-gas connection

Determination of vitamin E content

- Special extractors with inert-gas connection



Find detailed information in our special leaflet:
Extraction/distillation

Kjeldahl

Determination of crude protein content

- Standard Kjeldahl block digestors with 8, 12 or 20 sample places for digestion vessels of 250 ml volume
- Micro Kjeldahl block digestors with 16, 24 or 40 sample places for digestion vessels of 100 ml volume
- Kjeldahl block digestors with fully automatic lift with 12 or 20 sample places for 250-ml digestion vessels or with 24 or 40 sample places for 100-ml digestion vessels
- 2-step acid fume extractor (scrubber)
- Steam distillers S 1 – S 5
- Titration stand STI



Find detailed information in our special leaflet:
Nitrogen/Protein

Determination of **volatile nitrogen-containing bases** by distillation

- Standard Kjeldahl block digestors with 8, 12 or 20 sample places for digestion vessels of 250 ml volume
- Micro Kjeldahl block digestors with 16, 24 or 40 sample places for digestion vessels of 100 ml volume
- 2-step acid fume extractor (scrubber)
- Kjeldahl block digestors with automatic lift with 12 or 20 sample places for 250-ml digestion vessels or with 24 or 40 sample places for 100-ml digestion vessels
- Steam distillers S 1 – S 5
- Titration stand STI

Determination of **total phosphorus content**

- Standard Kjeldahl block digestors with 8, 12 or 20 sample places for digestion vessels of 250 ml volume
- Kjeldahl block digestors with fully automatic lift with 12 or 20 sample places for 250-ml digestion vessels or with 24 or 40 sample places for 100-ml digestion vessels
- Infrared quick digestion system with 6 or 12 sample places for digestion vessels of 250 ml volume
- 2-step acid fume extractor (scrubber)



Distillation/Reflux Distillation

Determination of **dithiocarbamate** and **thiuramdisulfide residues**. Spectrophotometric procedure

- Decomposition and distillation devices including flowmeter, mounting and tubing connections

Determination of **dithiocarbamate** and **thiuramdisulfide residues**. Gas-chromatographic procedure

- Heating plate for pre-heating the tin(II)chloride solution

Hydrocyanic acid determination by HPLC

- Steam distillers S 1 – S 5 and D 2

Determination of **amino acids** content
(not including tryptophan)

- Reflux distillation

Determination of **vitamin A** content

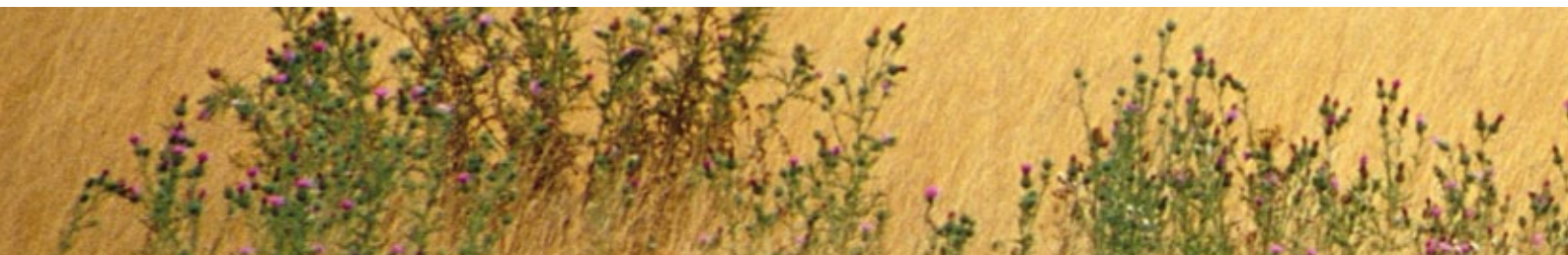
- Reflux distillation

Determination of **vitamin E** content

- Reflux distillation



Hydrolysis/Filtration



Determination of ashes insoluble in hydrochloric acid

- Hydrolysis digestion devices with 4 or 6 sample places
- Filtration unit with 4 or 6 sample places



Determination of crude fiber content

- Hydrolysis digestion devices with 4 or 6 sample places
- Filtration unit with 4 or 6 sample places



Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead, and cadmium by ICP-AES

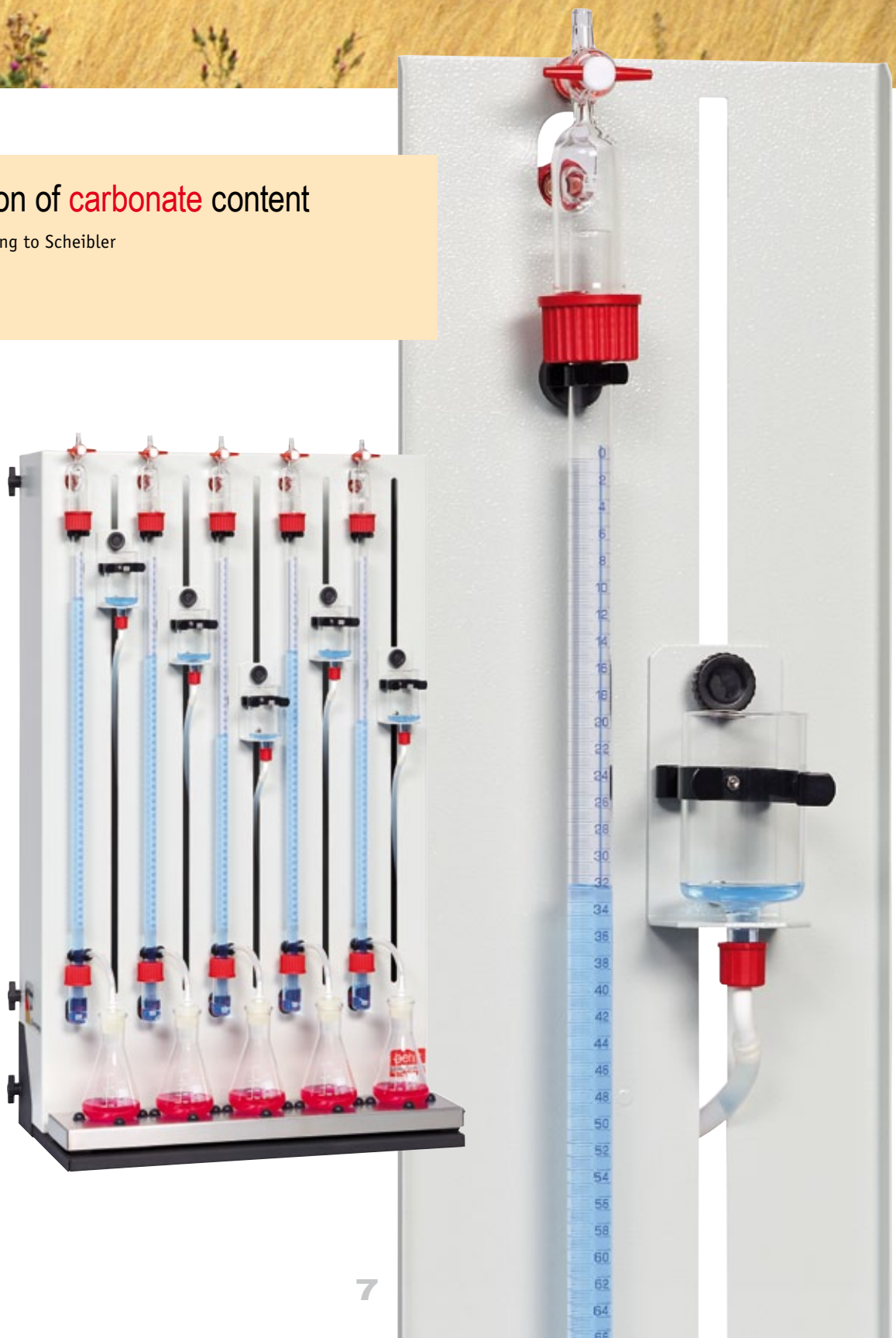
- Hydrolysis digestion devices with 4 or 6 sample places



Calcimeter

Determination of carbonate content

■ Calcimeter according to Scheibler





Find detailed information about our products
in our special leaflets:

- Extraction/distillation
- Nitrogen determination according to Kjeldahl

and in our product program

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Subject to technical modifications, errors excepted.