

**NITROGEN / PROTEIN ANALYSIS ACCORDING TO DUMAS**

- Unique auto sampler technique
- Eco-friendly consumables
- Rapid reference results
- Favourable operating costs
- Numerous applications: Liquid, pasty, solid samples



**BEST IN CLASS KJELDAHL DIGESTION SOLUTIONS**

- Reproducible digestion conditions
- Efficient heating and cooling
- Transparent & traceable processes acc. to ISO 17025
- Different user levels
- Data log



**BEST IN CLASS KJELDAHL DISTILLATION SYSTEMS**

- Modern, powerful, reliable distillation units
- Transparent & traceable processes acc. to ISO 17025
- Kjeldahl analysis in line with ISO, AOAC, GAFTA, EC, DIN, EPA, ASTM



**ADVANCED FIBRE ANALYSIS**

- Crude fibre | ADF | ADFOM | NDF | NDFOM | aNDFOM
- Unique FibreBag filtration technology
- Standardized filtration conditions
- Batch handling, small footprint



**HYDROTHERM** is the world's first and only automatic acid hydrolysis system for fat determination according to Weibull-Stoldt. The easiest way to release "hidden" fat!

The complete digestion and filtration process runs in a closed system. No fume hood required. Laboratory personnel do not come into contact with hot liquids and acid fumes. Six samples can be digested simultaneously (36 samples per day).

Ideal to determine total fat content in dairy and cereal products, meat, cocoa products, oil, seeds, eggs etc.

**HIGH COST AND WORKING TIME SAVINGS** - process runs automatically. The presence of laboratory personnel during this is not required. Up to 80 % cost savings per sample.

**HIGH WORK SAFETY** - process runs in a closed system. There is no contact with hot liquids and acid fumes. The apparatus reacts automatically in the event of faults.

**HIGH ANALYSIS QUALITY** - process is software-controlled, checked and exactly documented. Unintended deviations from the method and inaccuracies in the hydrolysis process are ruled out.

**EASY TO OPERATE HYDROTHERM** is preconfigured and ready to use immediately. Numerous parameters can be individually defined.

