

## Infrared digestion systems

### TURBOTHERM



TURBOTHERM is a versatile infrared rapid Kjeldahl digestion system capable of handling a wide range of samples in today's modern laboratory. The digestion time is dramatically reduced due to the extremely short heating up and cooling down periods.

#### Application

Digestion of any kind of sample for nitrogen determination according to Kjeldahl. Especially good for food and feed analysis with nitrogen contents in both: micro and macro range. In principle it is also possible to use TURBOTHERM as a multifunctional, programmable heater for inorganic acid digestion.

#### Available models

TURBOTHERM is available in five different configurations, each of the five can be ordered either with electronic or manual control.

- **TURBOTHERM with electronic timer and power control**  
With modern electronic control, up to 9 different programs can be entered. Each program has up to 9 variable heating levels and time settings. The current status is permanently displayed with manual override possible at any time.
- **TURBOTHERM with manual control**  
The power selection is done manually via an energy controller.

#### Recommended additions to TURBOTHERM:

- **Exhaust equipment TURBOSOG**  
Fumes from the Kjeldahl digestion process are removed, either by water jet pump (part of TURBOTHERM delivery scope) or by our powerful suction system TURBOSOG which has to be ordered separately.
- **Distillation systems VAPODEST**  
The perfect combination for our TURBOTHERM program is the distillation range VAPODEST. All models are suitable for the distillation of Kjeldahl digestion solutions. All digestion glasses fit directly into the VAPODEST distillation systems.