

RAPID DIGESTION UNIT

FOR DIGESTIONS WITHOUT DELAY IN BOILING



TURBOTHERM is a digestion unit based on infrared technology. The direct heat input by infrared radiation provides short heating and cooling times: Only 10 minutes are needed to bring 12 samples to boil.

TURBOTHERM is flexible: Using the respective insert rack, it can be combined with digestion tubes of 100 to 800 ml volume. The console attachment can take the insert rack, the exhaust equipment and the drip tray, and thus, facilitates convenient working.



COMFORTABLE

- ✦ During cooling, the insert rack with the digested samples is safely put on the console attachment
- ✦ The drip tray can be stored within the unit
- ✦ The heating elements cool down quickly
- ✦ The improved housing provides an optimal heat distribution
- ✦ The scrubber unit TURBOSOG or the water-free working VACUSOG for separation and neutralization of inorganic acid fumes can be connected and automatically controlled via the TURBOTHERM unit
- ✦ Documentation of the temperature in the heating chamber for optimal process tracking (optional)

FLEXIBLE

- ✦ Quick heat-up and cooling down of the samples
- ✦ Comfortable operating unit with fully coloured display
- ✦ For smallest and big sample amounts including heavy foaming samples, such as sewage and sludge
- ✦ Upgradeable with variable insert racks for different glass sizes:
12 x 100 ml - 6 x 250 ml - 12 x 250 ml - 4 x 400 ml
4 x 400 ml BS - 4 x 800 ml

STATE-OF-THE-ART CONTROL

- ✦ Microprocessor controlled
- ✦ Up to 99 programmes can be stored
- ✦ Contains pre-defined methods
- ✦ Infinitely variable heating power and time periods
- ✦ Ergonomically designed operating unit with variable inclination
- ✦ Continuous display of running digestion status
- ✦ Correction of running programme at any time
- ✦ ISO 17025 conform data management regarding:
 - traceability
 - different user levels with defined rights and password protection
 - Recording and recalling of all relevant process data

TECHNICAL DATA

Dimensions W x D x H	636 x 430 x 740 mm
Weight	approx. 29 kg
Nominal power max.	2000 W
Nominal voltage	230 V, 50/60 Hz
Tube size	100 ml, 250/300 ml, 400 ml, 800 ml