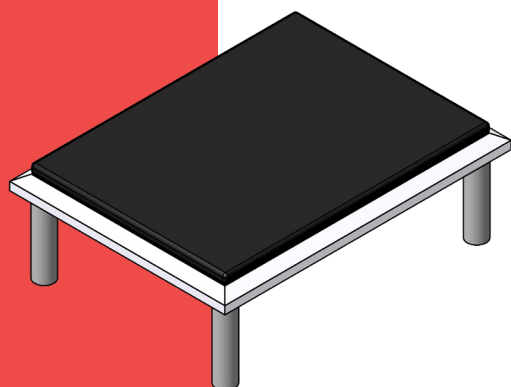


# Thermal digestion unit



## General informationen

Specifically designed for applications in ultra-trace analysis for thermal digestion of samples

Fully encapsulated in PTFE, smooth PFA-coated surface

Shielded power/control cable

20 years proven of coating in toughest environmental conditions and applications

Lightweight

Unique uniform heat distribution

Rapid heating-up at low energy consumption

Save long-term operation due to two independent safety mechanisms

IP67 protected connection plug for simple connection in application room

## Optional features

MK-control panel for simultaneous control, single or compound control

Control via remote control or via a central control unit

Direct control of temperature profile

Different programs according to duration, temperature, and gradients

Sample-specific digestion procedure

Lab 4.0

Monitoring of sample temperature through chemical-resistant probe

## Technical data

Max. Operating temperature 200°C, optional 240°C

Control accuracy  $\leq 0,5^{\circ}\text{C}$

Supply voltage 230VAC

Power 450 – 900W, depending on dimension

Reactivation after safety shutdown

PT-100 temperature sensor

Standard sizes (heating plate): 28 x 20 cm (TAE MK 280), 40 x 28 cm (TAE MK 380); 10.5 cm total height

Individual dimensions and designs for special application on request

## Accessories

MK-TAE racks for individual sample vials (PFA-coated)

Options for all common vial sizes (e.g., PFA vials) available

Customized racks available on request

Example racks for TAE MK 280

