

# Thermal digestion unit

(TAE)

## General informationen

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

### Totally coated with PTFE

Complete coated connection line

20 years tested of coating in toughest environmental conditions and applications

### lightweight

Special consistent heat distribution

### Very fast warming on low energy consumption

### Preprogrammed control for individual sample processing

### Save long-term operation by two separate safety devices

### IP67 protected connection plug for simple connection in application room

## Optional configuration

### MK-control panel for simultaneous control of up to 100 TAE , with different dimensions, single or compound control

Control via remote control or via a central control unit

### Traceability of samples

- sample depending receipts with RFID technology
- unambiguous identification of samples and TAE

### Direct control of temperature profile

Individual receipts by time, temperature and temperature gradient

### Sample related digestion

Lab 4.0

Monitoring of sample temperature by chemical consistent sample sensor

## Technical data

Operating temperature 200°C

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

Supply voltage 230VAC

Power 450 – 900W, depending on dimension

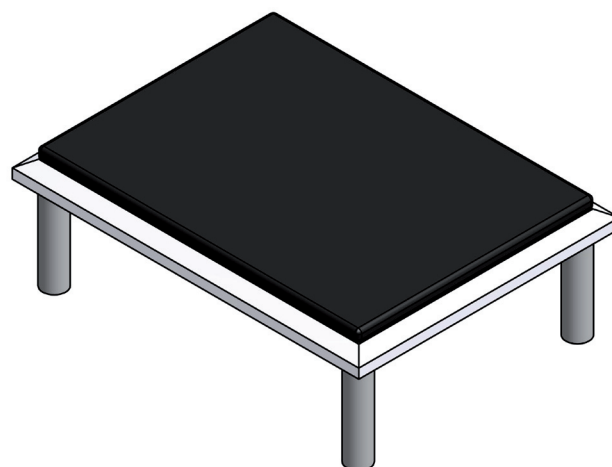
Reactivation after safety shutdown

PT-100 temperature sensor

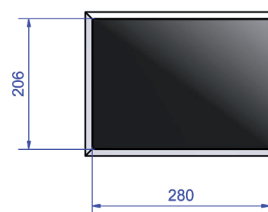
## Models

TAE MK 280 (Standard),  
TAE MK 100/500, TAE MK 170/340, TAE MK 380

### Individual dimensions and designs for special application on request



Example dimensions for digestion unit TAE MK 280



## Ausgewähltes Zubehör

MK-TAE top frame for sample container, tool-free assembly

For all common sample container  
(1 ml, 5 ml, 10 ml, 20 ml, 30 ml, 50 ml, 100 ml)

### Individual and custom-made top frames for sample containers with different dimensions on request

Top frame for sample TAE MK 280

