

# Thermoreactor AL125

## For the digestion of tube tests



**COD (150°C)**

**TOC (120°C)**

**Total Chromium (100°C)**

**Total Nitrogen (100°C)**

**Total Phosphate (100°C)**

Chemical digestion of samples is required for the photometric determination of COD, TOC, total phosphate and total nitrogen.

The required temperatures and reaction time can be selected by using the membrane keypad of the reactor AL125. The unit works at three different temperatures (100 / 120 / 150 °C) and three pre-set reaction times (30 / 60 / 120 minutes). When digestion is complete, the reactor automatically switches off and gives a corresponding LED indication with short beep alarm.

The AL125 reactor is fitted with 24 holes for 16 mm diameter vials.

**Thermoreactor AL125**

Order code: 418940

### Technical data AL125

**Power supply** 230 V / 50-60 Hz or  
115 V / 50-60 Hz (switchable)

**Power** 550 W

**Dimensions** 248 x 219 x 171 mm

**Weight** 3.9 kg

**Materials, housing** ABS  
**Protection grid** PPS  
**Lid** PC  
**Block insert** PBT  
**Heating block** Aluminium

**Holes in the aluminium block** 24 holes,  
16.2 mm ± 0.2 mm

**Selectable temp.** 100 / 120 / 150 °C

**Probe type** Pt100 A class

**Temperature stability** ± 1 °C at the Pt100

**Selected time** 30 / 60 / 120 / min.  
and continuous operation (∞)

**Heating up** from 20°C to 150°C in 12 min.

**Regulation** Microprocessor

**Protection against overheating** at the alu block  
at 190 °C

**Beeper** max. 88 dB (Piezo Summer)

**Environmental conditions** 10 – 40 °C  
max. 85 % rel. humidity

**Approval** CE