

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

CE-conformity