

## Photometer AL250



### Technical data

Optics	temperature-compensated LEDs and photosensor amplifier in water proof sample chamber
Ranges	0 - 150 mg/ l O <sub>2</sub> ±3.5%*) 0 - 1500 mg/ l O <sub>2</sub> ±3.5%*) 0 -15000 mg/ l O <sub>2</sub> ±3.5%*)
Power supply	9 V powerpack battery providing 40 hours operation
Auto - OFF	automatic switch-off
Display	backlit LCD (on keypress)
Storage	internal ring memory for 16 data sets
Additional feature	real time clock and date
Calibration	factory calibration and user calibration. Reset to factory calibration possible
Dimensions (L x W x H)	190 x 110 x 55 mm
Weight	0.4 kg (base unit)
Environmental conditions	Temperature : 0 - 40 °C rel. humidity : 30 - 90% (non condensing)
CE-conformity	DIN EN 50081-1 VDE 0839 part 81-1: 1993-03 DIN EN 50082-2 VDE 0839 part 82-2: 1996-02

\* based on the use of potassium-hydrogenepthalate standards (DIN 38 409)

### COD VARIO tube tests

The AQUALYTIC® COD VARIO tube tests are available for the measuring ranges 0-150 mg/l O<sub>2</sub>, 0-1500 mg/l O<sub>2</sub> and 0-15000 mg/l O<sub>2</sub>. Their chemical properties and a 16 mm tube diameter is suitable also for use with Hach photometers.

Tube tests	Quantity	Order code
0 - 150 mg/l O <sub>2</sub>	(25 pc.) mercury free	420710
	(25 pc.)	420720
	(150 pc.)	420725
0 - 1500 mg/l O <sub>2</sub>	(25 pc.) mercury free	420711
	(150 pc.) mercury free	420716
	(25 pc.)	420721
	(150 pc.)	420726
0 - 15000 mg/l O <sub>2</sub>	(25 pc.) mercury free	420712
	(25 pc.)	420722
	(150 pc.)	420727

### Standard solutions

Standard solutions are solutions with a defined concentration and are provided to check the operation methods and devices of the cuvette tests as well as the condition of optical filters and the instrument.

Standard solutions	Order code
100 mg/l COD	420803
500 mg/l COD	420804
5000 mg/l COD	420805

# COD Reactor



ET 108



ET 125 / ET 125 SC

## Technical data ET 108

<b>Housing</b>	Round metal block in epoxy covered housing, 8 holes 16 mm Ø, 1 hole 22 mm Ø
<b>Front keypad</b>	Robust membrane keypad, 2 keys
<b>Temperature settings</b>	70/100/120/150 °C ± 0.3 °C
<b>Timer</b>	30, 60, 120 minutes and continuous operation, automatic switch-off, with alarm
<b>Heating</b>	270 Watts electronically controlled, with protection against overheating
<b>Heating up time</b>	approx. 10 minutes
<b>Power supply</b>	230 V/50-60 Hz or 115 V/50-60 Hz
<b>Weight</b>	2.15 kg
<b>Dimensions (L x W x H)</b>	214 x 133 x 110 mm
<b>Approval</b>	CE

with 8 holes for 16 mm Ø sample vials, 1 hole for 22 mm Ø sample vials and temperature settings at 70°C/100°C/120°C and 150°C, and per technical description as above.

**Order code : 418930** (230 V/50-60 Hz) (with protection cover)

Plastic protection cover for thermoreactor ET 108

**Order code: 418933**

## For the digestion of:

- > COD (150°C)
- > Total Chromium (100°C)
- > Total Phosphate (100°C)
- > Total Nitrogen (100°C)
- > TOC (120°C)

## Technical data ET 125 / ET 125 SC\*

<b>Housing</b>	Round metal block in epoxy covered housing, 25 holes 16 mm Ø
<b>Front keypad</b>	Robust membrane keypad, 2 keys
<b>Temperature settings</b>	70/100/120/150 °C ± 0.3 °C
<b>Timer</b>	30, 60, 120 minutes and continuous operation, automatic switch-off, with alarm
<b>Heating</b>	400 Watts electronically controlled, with protection against overheating
<b>Heating up time</b>	approx. 10 minutes
<b>Power supply</b>	ET 125: 230 V/115 V/50-60 Hz ET 125 SC*: 230 V/50-60 Hz
<b>Weight</b>	3.6 kg
<b>Dimensions (L x W x H)</b>	275 x 155 x 95 mm
<b>Approval</b>	CE

with 25 holes for 16 mm Ø sample vials and temperature settings at 70°C/100°C/120°C and 150°C incl. plastic protection cover (not ET 125 SC\*), and per technical description as above.

ET 125 : (with protection cover)

**Order code : 418938** (230 V/115 V/50-60 Hz)

ET 125 SC\* : (without protection cover)

**Order code : 418939** (230 V/50-60 Hz)

Plastic protection cover for ET 125 / ET 125 SC\*

**Order code : 418932**

\* SC: Single current (only 230 V)