

Tintometer®-Group

Thermostatically controlled incubators

Applications

- BOD-Measurement
- Microbiological Research
- Food Industry
- Dairies
- Laboratories
- Research Centres
- Universities



Incubators for a wide range of applications



Description of unit

The CFC-free thermostatically controlled incubators from Lovibond® are designed to ensure continuous temperature control in a wide range of applications, such as:

- 20°C BOD determination
- 4°C storage of waste water samples
- 25°C enzyme activity (TTC test)
- 37°C colony count

The maintenance-free cabinets are suitable for reliable temperature control over the range of 2°C to 40°C in steps of 0.1°C.

Technical Data

Design:	Fully insulated cabinet with universal temperature control unit
Models with glass door:	Insulating glass door in an aluminium frame
Operation:	Splash-proofed keypad, 2 buttons with tactile feedback
Control range:	+ 2°C to + 40°C, steps of 0.1°C
Climate class:	+ 10°C to + 32°C,
Temperature tolerance:	± 1°C, specified for a stirred 500 ml water sample in the centre of the cabinets. For BOD (T=20°C ±0,5°C)
Display:	Illuminated LED display Resolution 0.1°C
Fan:	Radial, output 320 m³/h
Cooling/Heating:	Integrated powerful cooling and heating
Power supply:	230 V / 50 Hz
Approval:	CE

Temperature control unit

The temperature control unit fulfills the EMC requirements according IEC 61326 : Electrical equipment for measurement, control and laboratory use.



Models with standard door

ET 618-4 type 180

3 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 430 W x 700 H mm
Net capacity: approx. 135 l
O. D. (approx.): 600 D x 600 W x 850 H mm with work top 600 D x 600 W x 820 H mm without work top
Suitable for built under applications
Weight: approx. 39.0 kg
Order code: 2 42 82 00

ET 626-5 type 260

4 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 415 W x 1045 H mm
Net capacity: approx. 195 l
O. D. (approx.): 600 D x 600 W x 1216 H mm
Weight : approx. 49.0 kg
Order code: 2 42 82 20

ET 636-6 type 360

5 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 415 W x 1450 H mm
Net capacity: approx. 280 l
O. D. (approx.): 600 D x 600 W x 1590 H mm
Weight : approx. 64.5 kg
Order code: 2 42 82 30

ET 650-8 type 500

5 metal racks + 1 bottom grid
I. D. (approx.): 652 D x 515 W x 1300 H mm
Net capacity: approx. 395 l
O. D. (approx.): 752 D x 710 W x 1516 H mm
Weight : approx. 79.5 kg
Order code: 2 42 82 40

Models with glass door

ET 619-4 type 180

3 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 443 W x 700 H mm
Net capacity: approx. 140 l
O. D. (approx.): 600 D x 600 W x 885 H mm
Weight: approx. 50.0 kg
Order code: 2 42 82 10

ET 627-5 type 260

4 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 415 W x 1045 H mm
Net capacity: approx. 195 l
O. D. (approx.): 600 D x 600 W x 1216 H mm
Weight : approx. 66.5 kg
Order code: 2 42 82 25

ET 637-6 type 360

5 metal racks + 1 bottom grid
I. D. (approx.): 515 D x 415 W x 1450 H mm
Net capacity: approx. 280 l
O. D. (approx.): 600 D x 600 W x 1590 H mm
Weight : approx. 82.0 kg
Order code.: 2 42 82 35

ET 651-8 type 500

5 metal racks + 1 bottom grid
I. D. (approx.): 652 D x 515 B x 1300 H mm
Net capacity: approx. 395 l
O. D. (approx.): 752 D x 710 B x 1516 H mm
Weight : approx. 98.5 kg
Order code: 2 42 82 45

Space for BOD-OxiDirect®-systems in thermostatically controlled incubators

Model	Systems, standard ¹⁾	Systems, comfort ²⁾
ET 618-4/619-4	3	2
ET 626-5/627-5	5	2
ET 636-6/637-6	9	4
ET 650-8/651-8	12	8

- 1) Change of bottles **by** removing racks.
2) Change of bottles **without** removing racks.