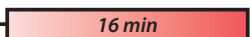


ES-20, Environmental Shaker-Incubator



Product video is available
on the website

Heat up time for ES-20

from 25°C  to 42°C

Platform P-6/250



The **ES-20** is a compact bench-top Shaker-Incubator used for mixing of biological liquids as well as the incubation and cultivation of biological liquids according to the operator set program

Built-in microprocessor thermocontroller provides constant temperature control in the incubator chamber. Forced heated air circulation inside the transparent plexiglas chamber guarantees even temperature distribution. Dismountable construction makes transportation easy.

Orbital shaking is controlled by the digital tachometer (rpm) and digital timer independently of the temperature. The unit is equipped with the direct-drive system ensuring most reliable stable long-time operation (up to 30 day nights).

The **ES-20** is extremely easy to operate, with very straightforward setup of temperature, speed and time, using the two line set-up and status display, which clearly indicates both set and actual values for each of the three parameters.

Specifications:

Temperature setting range	+25°C ... + 42°C
Temperature control range	+5°C above ambient ... + 42°C
Setting resolution	0.1°C / 1 rpm
Stability	±0.5°C
Speed range	50–250 rpm
Orbit diameter	10 mm
Display	LCD, 2 × 16 signs
Timer with sound alarm	1 min–96 hrs / non-stop
Plexiglas walls thickness	7 mm
Load capacity	2.5 kg
Overall dimensions (W × D × H)	340 × 340 × 435 mm
Weight, not more	15 kg
Heating power	150 W
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz
Power consumption (230 / 120 V)	160 W (0.7 A) / 170 W (1.6 A)

Five (5) interchangeable platforms allow using the ES-20 for:

- Growing cell cultures in flasks and other laboratory glassware;
- Extracting tissue samples at physiological temperatures;
- Other sample preparation processes.

Catalogue number:

ES-20 without platform BS-010111-AAA

Catalogue numbers of all platforms can be found on the next page

Description and pictures of all platforms can be found on the next page

Platforms for OS-20, PSU-10i and ES-20

Platform	Description	Dimensions	Working Dimensions	Used on	Cat. Number
1 UP-12	Universal platform with adjustable bars for different types of flasks	285 × 215 mm	265 × 185 mm	OS-20, PSU-10i, ES-20	BS-010108-AK
2 Bio PP-4	Flat platform with non-slip rubber mat	260 × 260 mm	235 × 235 mm	OS-20, PSU-10i	BS-010116-AK
3 PP-4	Metallic flat platform with non-slip rubber	220 × 220 mm	215 × 215 mm	ES-20	BS-010108-BK
4 P-12/100	Platform with clamps for flasks, 100–150 ml (12 places)	250 × 190 mm	250 × 190 mm	OS-20, PSU-10i, ES-20	BS-010108-EK
5 P-6/250	Platform with clamps for flasks, 250–300 ml (6 places)	250 × 190 mm	250 × 190 mm	OS-20, PSU-10i, ES-20	BS-010108-DK
6 P-16/88	Platform with spring holders for up to 88 tubes up to 30 mm diameter (e. g. 10 ml, 15 ml, 50 ml tubes)	275 × 205 × 75 mm	275 × 205 × 75 mm	OS-20, PSU-10i, ES-20	BS-010116-BK

1 UP-12



2 Bio PP-4



3 PP-4



4 P-12/100



5 P-6/250



6 P-16/88



New!