

## OS-20, Orbital Shaker



Platform Bio PP-4



Platform UP-12



**OS-20** Orbital Shaker is a powerful variable speed shaker which provides efficient orbital motion. Speed and time are under microprocessor control. Two operation modes are available: 1) **timed** (1–999 min) and 2) **nonstop**, with a maximum operation time of 24 hours.

Five (5) different interchangeable platforms expand possibilities of shaker application in laboratories of different areas: microbiology, chemistry, immunology, biochemistry and molecular biology. Amplitude of 20 mm of the platform shift provides uniform mixing of liquids in flat microtest plates during fulfilment of diagnostic tests, such as VDRL-test.

Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C. Low voltage external power supply (12 V) provides electrical safety in humid environment.

Specifications:	
Speed range	50–250 rpm
Digital speed control	
Orbit diameter	20 mm
Digital timer	1–999 min
Display	LED
Maximum load	2.5 kg
Overall dimensions (W×D×H)	270×260×80 mm
Weight, not more	3.4 kg
Input current/power consumption	12V, 500 mA / 6 W
External power supply	Input AC 100-240 V 50/60Hz; Output DC 12V

Catalogue number:	
<b>OS-20</b> without platform	BS-010108-AAG
<b>UP-12</b>	BS-010108-AK
<b>Bio PP-4</b>	BS-010116-AK
<b>P-6/250</b>	BS-010108-DK
<b>P-12/100</b>	BS-010108-EK
<b>P-16/88</b>	BS-010116-BK

Platform P-6/250



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
<b>1 UP-12</b>	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
<b>2 Bio PP-4</b>	Flat platform with non-slip rubber mat	260 × 260 mm	235 × 235 mm	OS-20, PSU-10i	BS-010116-AK
<b>3 PP-4</b>	Metallic flat platform with non-slip rubber	220 × 220 mm	215 × 215 mm	ES-20	BS-010108-BK
<b>4 P-12/100</b>	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
<b>5 P-6/250</b>	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
<b>6 P-16/88</b>	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!**