

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/Eqpt-244  
Rev No: 06 Date- 05/2024-25

**Abdos Labtech Pvt. Ltd.**  
**WAVEMAX – Orbital Shaker**

**Valid for Catalog No. E11290**

**SRN (Single Registration Number): IN-MF-000022272**

## 1. Description Specifications:

### 1.1 Description: WAVEMAX- Orbital Shaker

- 1.1.1 Abdos powerful orbital shaker is capable of mixing liquids upto a load capacity of 6 kg in bottles, flasks, test tubes & dishes.
- 1.1.1 Abdos orbital shaker has digital speed control of upto 300 rpm.
- 1.1.2 These shakers have high capacity of upto 24 x 125 ml, 14 x 250 ml, 9 x 500 ml, 5 x 11 and 2 x 21 flasks and bottles.
- 1.1.3 These shakers have horizontal circular 19 mm orbit for aeration and mixing.
- 1.1.4 Universal magnetic clamp can be instantly exchanged.

### 1.3 Performance Specifications:

Specifications	E11290
<b>Voltage</b>	220-240V
<b>Frequency</b>	50 Hz
<b>Motor Type</b>	DC Motor
<b>Shaking Motion</b>	Orbital
<b>Orbit</b>	19 mm
<b>Max Load Capacity (with Platform)</b>	6.4 kg
<b>Speed range</b>	30-300 rpm, variable
<b>Operation Type</b>	LCD
<b>Dimension</b>	280x410x75 mm

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<b>Weight</b>	11.25 kg
<b>Permissible ambient Temp.</b>	+4 to +65°C
<b>Permissible ambient Humidity</b>	80%
<b>Speed Increment</b>	1 rpm

**1.4 Material:** Body – ABS

**1.5 Color:** Grey

**1.6 Classic Orbital Shaker**

**E11290** – Wavemax - Orbital Shaker with flat mat - 13x12 inch

**Spare Accessories:**

**E11291** – Universal magnetic platform for flasks & tube racks - 14x12 inch

**1.7.** CE certified

**1.8 Chemical resistance:** see website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

**1.9 Intended use:** Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

**Warranty:** 12 months from the date of Installation or 15 months from the date of Invoicing.

**Instruction for Use**

Storage temp. Max 30°C

Before using the product check crackness, etc.

Check all the information printed on pouches or boxes.

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## WARNING

**DO NOT** store strong oxidizing agents.  
**DO NOT** place any plastic labware in a flame.  
**DO NOT** mix any chemicals that may result in a thermic reaction, which can cause product failure  
Consult local fire codes prior to storage of flammable liquids.



Quality Manager  
Abdos Labtech Private Limited  
Employee Code 30110



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