

# Technical Data Sheet

Doc No Ab/TDS/Eqpt-250

Rev No: 05 Date 02/2022-23

## TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

**WAVEMAX – Heavy Duty LCD Digital Orbital & Linear Shaker**

**Valid for Catalog No. E11480, E11490**

### 1. Description Specifications:

#### 1.1 Description: WAVEMAX – Heavy Duty LCD Digital Orbital & Linear Shaker

1.1.1 Abdos orbital and linear shakers are capable of mixing and shaking liquids in bottles, flasks, vessels, test tubes & dishes.

1.1.2 Independent LCD display for adjusting speed and time, speed and timer can be viewed simultaneously.

1.1.3 Maximum load capacity of 7.5 kg with platform.

1.1.4 Specially designed and developed compact space-saving design fits easily in the incubator and refrigerator.

1.1.5 Electronic time switching clock controls time or continuous operation mode.

1.1.6 Space Accessories have a wide range of platforms for use with a variety of vessels.

1.1.7 Over speed detection and protection.

**1.2 Design:** Flat Upper surface to provide well shaking of liquids.

#### 1.3 Performance Specifications:

Specifications	E11480	E11490
<b>Voltage</b>	220-240V	220-240V
<b>Frequency</b>	50 Hz	50 Hz
<b>Power</b>	30W	30W
<b>Motor Type</b>	Brushless DC Motor	Brushless DC Motor
<b>Shaking Motion</b>	Orbital	Linear
<b>Orbital Diameter</b>	10 mm	10 mm
<b>Max Load Capacity (with Platform)</b>	7.5 kg	7.5 kg
<b>Speed range</b>	100-500 rpm	100-350 rpm
<b>Speed &amp; Timer Display</b>	LCD	LCD
<b>Time Range</b>	1 min – 19h59min	1 min – 19h59min
<b>Operation Type</b>	Continuous/timed operation	Continuous/timed operation
<b>Dimension</b>	370x420x100 mm	370x420x100 mm



Abdos Labtech Private Limited  
(A Division of Abdos Group)  
(An ISO 9001,13485,14001,18385,GMP & CE certified company)  
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<b>Weight</b>	13.5 kg	13.5 kg
<b>Permissible ambient Temp.</b>	5-40°C	5-40°C
<b>Permissible ambient Humidity</b>	80%	80%

**1.4 Material:** Body – ABS

**1.5 Color:** Grey

**1.6 LCD Digital Orbital & Linear Shaker**

**E11460** – Wavemax – Heavy Duty Orbital Shaker with universal Attachment with 4 Bar

**1.7 LCD Digital Linear Shaker**

**E11470** – Wavemax – Heavy Duty Linear Shaker with universal Attachment with 4 Bar

**1.8 Spare Accessories for E11480, E11490**

1.8.1 **E11411** – Universal attachment with 3 Bars

1.8.2 **E11413** – Dish attachment with non-slip mat

1.8.3 **E11414** – Fixing clip attachment

1.8.4 **E11415** – Fixing clip for 25ml flask

1.8.5 **E11416** - Fixing clip for 50ml flask

1.8.6 **E11417** - Fixing clip for 100ml flask

1.8.7 **E11418** - Fixing clip for 200/250ml flask

1.8.8 **E11419** - Fixing clip for 500ml flask

**1.9.** CE certified

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

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

\*Pls Note E11414 is required to run E11415, E11416, E11417, E11418, E11419

## 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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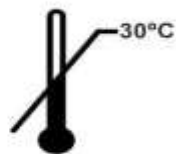
## WARNING

**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.



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Electronic IFU



Quality Assurance Incharge

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