

# Technical Data Sheet

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## TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

**WAVEMAX – LED Digital Orbital & Linear Shaker**

**Valid for Catalog No. E11460, E11470**

### 1. Description Specifications:

#### 1.1 Description: WAVEMAX – LED 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 LED display for adjusting speed and time. Speed and timer can be viewed simultaneously.

1.1.3 Maximum load capacity of 3.0 kg with platform. Specially designed and developed compact space-saving design fits easily in the incubator and refrigerator.

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

1.1.5 Space Accessories have a wide range of platforms for use with a variety of vessels. Over speed detection and protection.

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

#### 1.3 Performance Specifications:

Specifications	E11460	E11470
Voltage	220-240V	220-240V
Frequency	50 Hz	50 Hz
Power	20W	20W
Motor Type	Brushless DC Motor	Brushless DC Motor
Shaking Motion	Orbital	Linear
Orbital Diameter	20 mm	20 mm
Max Load Capacity (with Platform)	3 kg	3 kg
Speed range	40-200 rpm	40-200 rpm
Speed & Timer Display	LED	LED
Time Range	1 min – 19h59min	1 min – 19h59min
Operation Type	Continuous/timed operation	Continuous/timed operation



Abdos Labtech Private Limited  
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<b>Dimension</b>	270x330x110 mm	270x330x110 mm
<b>Weight</b>	3.1 kg	3.1 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 Shaker

**E11460** – Wavemax – LED Digital Orbital Shaker with dish attachment with non-slip mat.

## 1.7 LCD Digital Linear Shaker

**E11470** – Wavemax – LED Digital Linear Shaker with dish attachment with non-slip mat.

## 1.8 Spare Accessories for E11460, E11470

1.8.1 <b>E11451</b> – Universal attachment with 3 Bars
1.8.2 <b>E11452</b> – Dish attachment with non-slip mat
1.8.3 <b>E11453</b> – Fixing clip attachment
1.8.4 <b>E11415</b> – Fixing clip for 25ml flask
1.8.5 <b>E11416</b> - Fixing clip for 50ml flask
1.8.6 <b>E11417</b> - Fixing clip for 100ml flask
1.8.7 <b>E11418</b> - Fixing clip for 200/250ml flask
1.8.8 <b>E11419</b> - Fixing clip for 500ml flask

**1.7. CE certified**

**1.8 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 E11453 is required to run E11415, E11416, E11417, E11418, E11419



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## Instruction for Use

Storage temp. Max 30°C  
Before using the product check crackness, etc.  
Check all the information printed on pouches or boxes.

## 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.



**Abdos Labtech Pvt. Ltd.**

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