

# Technical Data Sheet

Doc No – Ab/TDS/Eqpt -231

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**SWIRLTOP- Digital (LED) Digital Magnetic Stirrer & Hot Plate**

**Valid for Catalog No. E11231, E11234**

### **1. Description/Specification**

**1.1 Description:** SWIRLTOP- Digital (LED) Digital Magnetic Stirrer & Hot Plate.

1.1.1 Swirl Top unit feature an extremely durable, chemical resistant white ceramic work surface.

1.1.2 Swirl top is compatible with a wide variety of popular glass beakers, flasks, bottles, and vessels.

1.1.3 Large, backlight LED display provides constant visualization of speed and temperature with 50°C HOT warning indicator.

1.1.4 LED display shows temperature & speed.

**1.2 Design:** Round shaped Stirrer & Hot Plate & Heat resistant ABS casing.

### **1.3 Performance Specifications:**

1.3.1 Speed Range	: 200-1500 rpm.
1.3.2 Voltage	: 220 ~ 240 V
1.3.3 Frequency	: 50-60 Hz
1.3.4 Shaking Movement	: Orbital
1.3.5 Temperature Range	: Room Temperature-280°C
1.3.6 Maximum Stirring Quantity	: 3L
1.3.7 Work Plate Dimensions	: Diameter 5 inch
1.3.8 Dimensions	: 150x260x80 mm
1.3.9 Weight	: 1.8 kg
1.4.0 Permissible ambient Temperature:	5-40°C
1.4.1 Permissible Relative humidity	: 80%



**Abdos Labtech Private Limited**  
(A Division of Abdos Group)  
(An ISO 9001,13485,14001,18385,GMP & CE certified company)  
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Code	Product	Work Plate Size (Ø cm)
E11231	LED Digital Magnetic Stirrer & Hot Plate with support rod & external temp. probe	13.5
E11234	LED Digital Magnetic Stirrer & Hot Plate	13.5

## Spare Accessories:

Code	Product
E11232	SP / Support Rod
E11233	ETP / External Temperature Probe

**1.4 Material:** Body – ABS Material

**1.5 Color:** Grey

### 1.6. Basic features:

1.6.1 **Material:** Made up of Highly pure Virgin ABS (Acrylonitrile Butadine Styrene)

1.6.2 **Dimension:** 150 X 260 X 100 mm.

1.6.3 CE certified

1.6.4 **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

## Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness, etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

## 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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