

# Technical Data Sheet

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**SWIRLTOP- 380°C Digital Magnetic Stirrers & Hotplate**

**Valid for Catalog No. E11224**

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

#### **1.1 Description: SWIRLTOP- 380°C Digital Magnetic Stirrers & Hotplate**

1.1.1 Swirl top 380°C Digital Magnetic stirrers & Hotplate include all leading safety standards and is chemically-resistant with white ceramic work plate. They can be used in physical, chemical, analytical and biological laboratories.

1.1.2 Digital temperature control with max. temperature at 380°C.

1.1.3 Digital speed control with max. speed up to 1500rpm.

1.1.4 High resolution LCD displays for actual temperature and speed.

1.1.5 Brushless DC motor is maintenance free.

1.1.6 Ceramic plate for chemical resistance and easy clean.

1.1.7 Aluminium cover with ceramic work plate, allows for immediate heat transfer.

1.1.8 Hot warning sign if temperature is above 50°C.

1.1.9 Max. stirring quantity of H<sub>2</sub>O at 5L. External temperature control is available as temperature sensor PT1000.

**1.2 Design:** Flat shaped Stirrer & Hot Plate.

#### **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 Motor Type	: DC Motor
1.3.5 Temperature Range	: Room Temperature +5°C – 380°C
1.3.6 Dimensions	: 320x180x108mm
1.3.7 Weight	: 2.2 kg
1.3.8 Permissible ambient Temperature:	5-40°C
1.3.9 Permissible Relative humidity	: 80%
1.4.0 Max. Stirrer capacity	: 5 L



**Abdos Labtech Private Limited**  
(A Division of Abdos Group)  
(An ISO 9001,13485,14001,18385,GMP & CE certified company)  
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**GST: 05AAGCA8605A1Z7**

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Code	Product	Work Plate Size (cm)
E11224	380°C Digital Magnetic Stirrer & Hot Plate with Support Rod and External Temperature Probe	14x14

## Spare Accessories:

Code	Product
E11232	Support Rod
E11233	External Temperature Probe

**1.4 Material:** Body – ABS Material

**1.5 Color:** white ceramic

### 1.6. Basic features:

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

1.6.2 CE certified

1.6.3 **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, pouch punctured 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.



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