

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Eqpt-226
Rev No: 04 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
SWIRLTOP- 380°C Digital Magnetic Stirrers & Hotplate

Valid for Catalog No. E11224

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

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 H₂O 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

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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

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

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1.6.3 Chemical resistance: see website (www.abdoslifesciences.com)

1.7 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, 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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