

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Eqpt-225
Rev No: 00 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
SWIRLTOP- Digital (LCD) Digital Magnetic Hot Plate Stirrer

Valid for Catalog No. E11675

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

1. Description/Specification

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

1.1.1 · New Abdos Swirltop Digital Magnetic Hotplate Stirrer comes with Aluminium cover with ceramic coating, strong corrosion resistance, easy to clean, With maximum heating temperature of 380°C, maximum stirring speed of 1500rpm, and maximum stirring volume of 20L water.

1.1.2 LCD display for speed, time and temperature parameters.

1.1.3 Protection Features - Dry burn protection, overcurrent protection, ground fault protection, and over-temperature protection.

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

1.3 Performance Specifications:

1.3.1 Speed Range	: 80-1500 rpm.
1.3.2 Voltage	: 220 ~ 240 V
1.3.3 Frequency	: 50-60 Hz
1.3.4 Max. Magnetic Bar (L)	: 80x10mm
1.3.5 Temperature Range	: Room Temperature-380°C
1.3.6 Maximum Stirring Quantity	: 20L
1.3.7 Display resolution (Temp & Speed)	: $\pm 0.1^{\circ}\text{C}$, 1rpm

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1.3.8 Work Plate Dimensions	: 184x184 mm, Aluminium cover with ceramic coating
1.3.9 Weight	: 3.5 kg
1.4.0 Permissible ambient Temperature:	5-40°C
1.4.1 Permissible Relative humidity	: 80%
14.2 Power	: 900W
14.3 Overheating Temperature:	410°C

Code	Product
E11675	Swirltop LCD Digital Magnetic Hotplate Stirrer with Clamp Rod (E11654) & External Temperature Probe (E11233)

Spare Accessories:

Code	Product
E11233	ETP / External Temperature Probe
E11654	SS/Support Rod-Seven Inch

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)

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1.6.2 Dimension: 366 X 240 X 126 mm (WxDxH)

1.6.3 CE certified

1.6.4 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, etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimens.

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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Quality Manager
Abdos Labtech Private Limited
Employee Code 30110



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