

Technical Data Sheet

Doc No– Ab/TDS/Eqpt -238

Rev No : 05 Date 02/2022-23

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

SWIRLEX - LCD Digital Overhead Stirrer

Valid for Catalog No. E11310, E11311, E11321, E11322

1. Description/Specification

1.1 Description: SWIRLEX - LCD Digital Overhead Stirrer.

1.1.1 Swirlex overhead stirrer is widely used in chemical synthesis, pharmaceutical synthesis, physical and chemical analysis, petrochemical industry and more.

1.1.2 Reliability, long continuous service and outstanding performance are its hallmarks.

1.1.3 Digital LCD display for precise monitoring of set and actual speed.

1.1.4 LCD Torque displays real time information on viscosity changes.

1.1.5 Protection and safety circuits ensure automatic cut-off in an anti-stall or overload conditions.

1.1.6 Provides a constant speed even with changes in viscosities of sample.

1.1.7 RS232 interface PC can control and document all operation values.

1.2 Design: LCD Digital Overhead Stirrer.

1.3 Performance Specifications:

Specifications	E11310	E11311	E11321 & E11322
Voltage	220-240V	220-240V	220-240V
Frequency	50-60Hz	50-60Hz	50-60Hz
Power	70V	130V	200V
Speed Range	50-2200 rpm	50-2200 rpm	50-1100 rpm
Overload Protection	LED Lights, motor automatically stops	LED Lights, motor automatically stops	LED Lights, motor automatically stops
Speed Display	LED	LED	LCD
Max. Stirrer Quantity	20L	40L	70L
Max Torque	40 Ncm	60Ncm	300 Ncm
Max Viscosity	10000 mPas	50000 mPas	100000 mPas
Chuck range diameter	0.5-10 mm	0.5-10 mm	0.5-10 mm
Dimension	83x220x186 mm	83x220x186 mm	83x220x186 mm
Weight	2.8 kg	2.8 kg	3.2 kg
Permissible ambient	5 - 40°C	5 - 40°C	5 - 40°C



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Temperature			
Permissible ambient humidity	80%	80%	80%
Protection class according	IP21	IP21	IP21

Code	Product	Max. Stirrer Quantity (Lts)
E11310	Digital Overhead Stirrer with universal plate stand including support holder and fixing device & E11313 SS crossed stirrer	20L
E11311	Digital Overhead Stirrer with universal plate stand including support holder and fixing device & E11313 SS crossed stirrer	40L
E11321	LCD Digital Overhead Stirrer with Timer with Universal Plate Stand including support (holder) and fixing device and (E11312) Stainless Steel grand crossed Stirrer(E11324)	70L
E11322	CD Digital Overhead Stirrer with Timer with Grand Plate Stand including support (holder) and fixing device and (E11323) Stainless Steel grand crossed Stirrer(E11324)	70L

Spare Accessories for E11310, E11311, E11321, E11322

Code	Product	Dimension (cm)
E11312	Universal Plate stand including support holder & fixing device	20x31 (L X W)
E11313	Stainless Steel Crossed Stirrer	40x5 (L X Ø)
E11314	Stainless Steel Straight Stirrer	40x6 (L X Ø)
E11315	Stainless Steel Blade Stirrer	40x6.8 (L X Ø)
E11316	Stainless Steel Centrifugal Stirrer	40x9 (L X Ø)
E11317	PTFE Crossed Stirrer	35x6.5 (L X Ø)
E11318	PTFE Straight Stirrer	35x7 (L X Ø)
E11319	PTFE Blade Stirrer	35x6.8 (L X Ø)
E11320	PTFE Centrifugal Stirrer	35x8.5 (L X Ø)



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Spare Accessories for E11321 & E11322

Code	Product	Dimension (cm)
E11323	Universal Grand Plate Stand including support (holder) & fixing device	33.5 x 46.3 cm (L x W)
E11324	Stainless Steel Grand Crossed Stirrer	60 x 10 cm (L x Φ)
E11325	Stainless Steel Grand blade Stirrer	60 x 10 cm (L x Φ)
E11326	Stainless Steel grand anchor Stirrer	60 x 10 cm (L x Φ)
E11327	Stainless Steel grand Centrifugal Stirrer	60 x 10 cm (L x Φ)

1.4 Material: Body – ABS Material

1.5 Color: Grey

1.6. Basic features:

1.6.1 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)

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.

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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