

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Swirl Micro Plate Centrifuge

Valid for Catalog No. E11550

1. Description Specifications:

1.1 Description: Swirl Micro Plate Centrifuge

1.1.1 Swirl Micro Plate Centrifuge is astonishingly small footprint (9x10 in.) half the size of conventional centrifuge.

1.1.2 Swirl micro plate centrifuge is easily reachable rotor chamber include two plate carriers that rest at a 75°C angle thus allows plates to be inserted confidently without seal in tapes or caps.

1.1.3 Upon closing the lid of the centrifuge, the rotor accelerates and the centrifugal force “swings” the plates into a horizontal position. Any droplets on the walls of the plate quickly concentrate into the well bottoms.

1.1.4 With a g-force of 600x g, most samples can be spun down in less than 20 sec.

1.1.5 Just open the lid and automatic electric brake brings the rotor to a quick & smooth stop in just 4 sec.

1.2 Design: Swirl Micro Plate Centrifuge

1.3 Performance Specifications:

Specifications	E11550
Voltage	AC 220-230V
Frequency	50-60 Hz
Rotor Capacity	2x2 PCR plates, 2xMicroliter plates, 24x0.2ml PCR plates
Max Speed	2550 rpm /600x G
Deceleration	4 seconds
Dimension	230x260x197mm
Permissible Ambient Temperature	4 to 40°C
Weight	4.0 kg
Permissible ambient Humidity	80%



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1.4 Material: ABS (Acrylonitrile Butadiene Styrene)

1.5 Color: White

1.6 E11550 – Swirl Micro Plate Centrifuge, CE certified

1.7 Spare Accessories

1.7.1 **E11551** – Adapter, 96x 0.2ml or 8 and 12xPCR strips

1.7.2 **E11552** – Rotor with carrier for deep well plates upto 35mm tall (max speed 1500rpm)

** When stacking skirted PCR plates, max capacity is 4 plates.*

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 .

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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Before & after centrifugation
(angled position)



During centrifugation
(Horizontal position)