Doc No Ab/TDS/CT-21

Rev No: 05 Date 02/2022-23

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Swirl Pro High Speed Micro Centrifuge

Valid for Catalog No. E11520

1. Description Specifications:

1.1 Description: Swirl Pro High Speed Micro Centrifuge

1.1.1 Swirl Pro is a micro centrifuge used for sedimentation of cells and virus, separation of sub- cellular organelles such as DNA, RNA, proteins & lipids.

1.1.2 Swirl Pro has a large ergonomic design with easy to read display & sound alert.

1.1.3 Both RPM & G-force can be displayed.

1.1.4 Swirl Pro adapts a Brushless DC Motor.

1.1.5 Special multi flow air-cooling design helps to keep lower rotor temperature.

1.1.6 Special multi-flow air cooling design helps to keep lower rotor temp.

1.1.7 Unique cooling system design minimizes rotor heating to less than 10°C after running for one hour

1.2 Design: Swirl Pro High Speed Micro Centrifuge

1.3 Performance Specifications:

Specifications	E11520
Voltage	Single-phase, AC 220-240V
Frequency	50-60 Hz
Current	5A
Max Speed	15000 rpm (200-15000rpm) with increment of 10 rpm
Max RCF	21380xg with increment of 10xg
Speed Accuracy	±20 rpm
Rotor Capacity	(i) 5ml x 18 places (ii) 0.2ml/0.5ml/1.5ml/2ml x 24 places (iii) 0.5ml x 36 places (iv) PCR 8x4 places

ABDOS LIFE SCIENCES

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

Technical Data Sheet

Run Time	30sec-99min- HOLD (Continuous operation)
Driving Motor	Brushless DC Motor
Safety Devices	(i) Dual door interlock (ii) Over- speed detection (iii) Over temperature detection (iv) Automatic internal diagnosis
Noise Level	≤ 58 dB
Additional Features	(i) Speed/RCF switch (ii) Short-time run function (iii) Sound-alert function
Acceleration / Breaking time	25 sec for Both Acceleration & Breaking
Dimension	280x364x266 mm
Weight	12 kg
Permissible ambient Temp.	+4 to +40°C
Permissible ambient Humidity	80%

1.4 Material: ABS (Acrylonitrile Butadiene Styrene)

1.5 Color: White

1.6 E11520 – Swirl Pro High Speed Micro Centrifuge, CE certified

1.7 Spare Accessories

1.7.1 **E11521 –** 24 Place Rotor for 0.2, 0.5, 1.5 & 2.0ml

1.7.2 **E11522 –** 18 Place Rotor for 5.0ml

1.7.3 **E11523 -** 36 Place Rotor for .02 & 5.0ml

1.7.4 **E11524-** 32 (8x4) Place Rotor for 0.2 ml PCR

1.7.5 **E11525-** Rotor Adaptor for 2.0ml-0.2ml used with E11521

1.7.6 **E11526-** Rotor Adaptor for 2.0ml-0.5ml used with E11521

1.7.7 **E11527-** Rotor Adaptor for 0.5ml-0.2ml used with E11523

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing.

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Instruction for Use

Storage temp. Max 30℃
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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