

Technical Data Sheet

Doc No Ab/TDS/CW-17

Rev No: 01

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Swirl Clinical Centrifuge

Valid for Catalog No. E11540

1. Description Specifications:

1.1 Description: Swirl Clinical Centrifuge

1.1.1 Swirl Clinical Centrifuge is used for separation of serum, plasma, urea, urine and blood samples and other routine application in hospital, research.

1.1.2 Swirl Clinical Centrifuge 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 Clinical Centrifuge adapts a Brushless DC Motor.

1.1.5 Automatic lid opening when run is complete prevents sample warning and allow easy access of samples.

1.2 Design: Swirl Clinical Centrifuge

1.3 performance Specifications:

Specifications	E11540
Voltage	Single-phase, AC 220-240V
Frequency	50 Hz
Current	3A
Max Speed	300-4500 rpm with increment of 100 rpm
Max RCF	2490xg with increment of 100xg
Speed Accuracy	±20 rpm
Rotor Capacity	(i) 5ml/7ml/10ml x 12 places (ii) 15ml x 8 places
Run Time	30sec-99min- HOLD (Continuous operation)



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Driving Motor	Brushless DC Motor
Safety Devices	(i) Dual door interlock (ii) Over- speed detection (iv) Automatic internal diagnosis
Noise Level	≤ 56 dB
Additional Features	(i) Speed/RCF switch (ii) Short-time run function (iii) Sound-alert function
Acceleration / Breaking time	20 sec for Both Acceleration & Breaking
Dimension	255x245x140 mm
Weight	6 kg
Permissible ambient Temp.	+4 to +45°C
Permissible ambient Humidity	80%

1.4 Material: ABS (Acrylonitrile Butadiene Styrene)

1.5 Color: White

1.6 E11540 – Swirl Clinical Centrifuge

1.7 Spare Accessories

1.7.1 **E11541** – 8 Place Rotor for 15ml & 12 Place Rotor for 5, 7 & 10ml.

1.7.2 **E11542** – Rotor Adapter for 10ml used with E11541



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