

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Swirl Clinical Centrifuge

Valid for Catalog No. E11540

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

1. Description Specifications:

1.1 Description: Swirl Clinical Centrifuge

1.1.1 Swirl Clinical Centrifuge is used for separation of serum, plasma, urea, urine, blood samples and other routine applications in hospital and research. They are also used in environmental analysis for clarification of water and soil samples and in schools as a teaching aid.

1.1.2 Swirl Clinical Centrifuge has a large ergonomic design with easy to read display and sound alert.

1.1.3 Automatic lid opening when run is complete prevents sample warming and allow easy access of samples. Both RPM and G-force can be displayed.

1.1.4 Digital LCD display can show real time parameters and has symbol showing experimental process.

1.1.5 Swirl Clinical is used for quick spins by pressing and holding the pulse key. It has precise control, high accuracy of speed and has gentle breaking at low speeds with efficient separation.

1.1.6 Swirl Clinical conforms to international safety standards and regulations. It has also passed the explosion proof test from CE, TUV and FCC.

1.1.7 Bio-safe rotor and anti-sample overflow prevents sample leakage in the centrifugal process causing microbial contamination. Swirl Clinical adapts a Brushless DC Motor.

1.1.8 Passed EN61010-2-101:2002 for invitro diagnostic (IVD) medical equipment.

1.1.9 Goes into a self-diagnostic check when switched on and then displays accumulative time & last running parameter.

1.2 Design: Swirl Clinical Centrifuge



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
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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)
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	301x354x217 mm
Weight	6 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 E11540 – Swirl Clinical Centrifuge, CE certified. Swirl Clinical Clinical Centrifuge with 8 Place Rotor for 15 ml & 12 Place Rotor for 5, 7 & 10 ml centrifuge tube & Rotor Adapter for 10 ml centrifuge tube.

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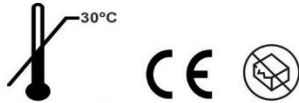
Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing.

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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Electronic IFU



Quality Manager

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