

Technical Data Sheet

Doc No Ab/TDS/CT-17

Rev No: 02

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Swirl Maxi Micro Centrifuge

Valid for Catalog No. E11510

1. Description Specifications:

1.1 Description: Swirl Maxi Micro Centrifuge

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

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

1.1.3 Both RPM & G-force can be displayed.

1.1.4 Swirl Maxi adapts a Brushless DC Motor.

1.2 Design:

Maxi Micro Centrifuge

1.3 performance Specifications:

Specifications	E11510
Voltage	Single-phase, AC 220-240V
Frequency	50-60 Hz
Current	3A
Max Speed	15000 rpm (500-15000rpm) with increment of 100 rpm
Max RCF	15100xg with increment of 100xg
Speed Accuracy	±20 rpm
Rotor Capacity	0.2ml, 0.5ml, 1.5ml & 2ml x 12 places.
Run Time	30sec-99min- HOLD (Continuous operation)
Driving Motor	Brushless DC Motor



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Safety Devices	(i) Dual door interlock (ii) Over- speed detection (iii) Over temperature detection (iv) Automatic internal diagnosis
Noise Level	≤ 54 dB
Additional Features	(i) Speed/RCF switch (ii) Short-time run function (iii) Sound-alert function
Acceleration / Breaking time	11 sec for Acceleration & 9 sec for Breaking
Dimension	255x245x140 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: Grey & White


1.6 E11510 – Swirl Maxi Micro Centrifuge

1.7 Spare Accessories

1.7.1 **E11511** – 12 Place Rotors for 0.2, 0.5, 1.5 & 2.0ml

1.7.2 **E11512** – Rotor Adaptor for 2.0ml -0.2ml used with E11511

1.7.3 **E11513** - Rotor Adaptor for 2.0ml -0.5ml used with E11511


Quality Assurance Incharge
Abdos Labtech Pvt. Ltd.



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