

TECHNICAL DATA SHEET

Doc No – Ab/TDS/CT-21
Rev No: 08 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Swirl Maxi Micro Centrifuge

Valid for Catalog No. E11510

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

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 and isolation of macromolecules such as DNA, RNA, proteins or lipids.

1.1.2 Swirl Maxi is used in physical and chemical analysis, biochemistry, cellular biology, clinical labs, blood donation centre and high-end research.

1.1.3 Swirl Maxi has a large ergonomic design with easy to read display and sound. Both RPM and G-force can be displayed.

1.1.4 Swirl Maxi is stable and silent during operation. It also delivers fast acceleration and deceleration.

1.1.5 Swirl Maxi conforms to international safety standards and regulations. It has also passed the explosion proof test from CE, TUV and FCC. Swirl Maxi adapts a Brushless DC Motor.

1.1.6 Automatic lid-lock release prevents sample warming and allows easy access to samples.

1.1.7 The short spin function is used for quick spins by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed.

1.1.8 High strength aluminium alloy rotors are fully autoclavable, and can withstand steam sterilizing at 121°C for 20 minutes.

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1.2 Design: Swirl 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
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

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	(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, CE certified. Swirl Maxi Micro Centrifuge with 12 Place Rotor for 0.2, 0.5, 1.5 & 2.0 ml -

1No./case

1.7 Spare Accessories

1.7.1 **E11511** – 12 Place Rotors for 0.2, 0.5, 1.5 & 2.0ml - **1No./case**

1.7.2 **E11512** – Rotor Adaptor for 0.2ml -2ml used with E11511 - **24No./case**

1.7.3 **E11513** - Rotor Adaptor for 0.5ml -2ml used with E11511 - **24No./case**

1.8 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

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

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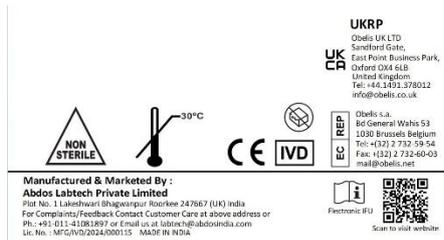
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Instruction for Use

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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Quality Manager
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Employee Code 30110

