



THE LAB EQUIPMENT

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**Product Name :**

Centrifuge, High Speed

**Product Code :**

SLE/LC/13



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## Description :

The high speed micro-centrifuge is widely used for specimen preparation in molecular and cellular biology.

The centrifuge can also be used in high end research applications such as sedimentation of cells and viruses and separation of sub-cellular organelles.

The micro-centrifuge features a 24 x 1.5/2.0ml rotor made from high strength aluminium which is fully autoclavable.

The rotor has an anti-sample overflow which ensures tubes do not leak during the process and cause microbial contamination.

Four different rotors are available and smaller 0.5/0.2ml tubes can be used with adapters.

The high quality cast casing gives stability, reliability and noise reduction throughout the process.

The centrifuge will spin from 200 – 15000rpm and can be controlled in 10rpm increments.

A user friendly LCD screen allows running information including both RPM and G force to be displayed easily.

The running of the centrifuge can be timed between 30 seconds and 99 minutes or can be used in continuous mode.

The timer only starts when the desired speed is reached to ensure accurate separation time.

The centrifuge also has a 'short spin' function which can be operated by pressing and holding the 'Pulse' button.

This allows the centrifuge to be accelerated and held at the target speed.

The lid of the laboratory centrifuge automatically releases when the rotor stops to save processing time.

The lid also has a dual interlocking design for safety.

### Two unique features on the Micro-Centrifuge are:

Special multi-flow air cooling system to help keep the rotor temperature low

Temperature displays allows sensitive samples to be protected from damage

### Specifications :

**Max. Speed [rpm]:** 15000rpm (200-15000rpm), **increment:** 10rpm

**Max. RCF [xg]:** 21380xg, **increment:** 10xg

**Run Time:** 30sec-99min-HOLD (Continuous operation)

**Driving Motor:** Brushless DC motor

**Speed Accuracy [rpm]:** ±20 rpm

**Rotor Capacity:** 5mlx18, 0.2ml/0.5ml/1.5ml/2ml x 24, 0.5mlx36, PCR8x4

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