

MICRO CENTRIFUGE – 1 No.
(Micro Hematocrit Centrifuge)
(Tender Ref. No. NIN/ST/12/Tender/2019/Micro Hematocrit Centrifuge/47)

Proposed Applications:

1. Centrifugation of physiological samples (tissues homogenates) etc.
2. Separation of lower and higher molecular weight substances.
3. Sample processing.

Features:

- a) Microprocessor control (brushless motor)
- b) Over Speed detection.
- c) Imbalance detection.
- d) Built in self diagnostics.
- e) Programmable front panel to select speed, time , temperature etc.

Specifications:

Speed Max (RPM)	:	15,000 rpm in 100rpm increments
Rotor	:	Fixed angle Rotor
ω max	:	16,000 or higher
Temperature range	:	-9°C to 40°C
Timer setting with hold	:	1sec to 99sec in 1sec increments 1min to 99min in 1min increment
Drive System	:	Maintenance free high torque brush less Direct drive motor
Display	:	Digital display of all parameters
Operating voltage	:	220V, 50Hz

Essential Accessories:

Fixed Angle Rotor:

- i) Volume: 12 x 15ml
- ii) RPM:14,000 /16,000 or higher.
- iii) Adaptors: 12 x 1.5ml

Fixed Angle Rotor:

- i) Volume: 24 x 1.5ml /2ml
- ii) RPM:14,000 /16,000 or higher.
- iii) Adaptors: 24 x 0.5ml & 0.2ml