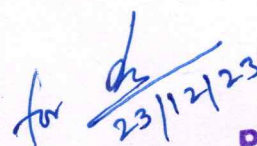


Govt. Medical College, Bettiah, West Champaran

Department of Pathology

Sl. No.	Name of Equipment	Name of Company	Specifications
1	Manula Rotary Microtome	Leica Specification Attached	Section thickness setting range 0.5–60 µm Section thickness selection from 0.5–2 µm in 0.5 µm-steps from 2–10 µm in 1 µm-steps from 10–20 µm in 2 µm-steps from 20–60 µm in 5 µm-steps Total horizontal specimen feed 25 mm Vertical specimen stroke 59 mm Specimen retraction ON/OFF Specimen orientation Horizontal 8° & Vertical 8° Rotation ± 90°
2	Hot Plate	Leica Specification Attached	Microprocessor controlled two piece tissue embedding system consisting of heated paraffin station and separate cold plate. Should have symmetrical and unobstructed workspace: The 100% symmetrical and unobstructed workspace with equal left & right working spaces from the dispense nozzle in between. Should have Easy-to-open spacious trays for efficient access to cassettes and molds. Tray lids should be half opened to keep the temperature stable. Removable tray must hold: approx. 150 cassettes. Paraffin tank must have at least 4 L capacity. Large heated working surface and integrated mold tray and cassette bath with temperature adjustment from 50 to 75°C in 5°C increments.
3	Cold Plate for Modular Tissue Embedding System	Leica Specification Attached	Operating temperature: -6 °C (self-regulating) to hold up to 70-80 standard cassettes. Temperature should strictly MUST NOT go BELOW -6 °C to avoid tissues getting hard & brittle where chances of tissue destruction & tissue breakage are high. Min. guaranteed workload capacity: 65 blocks solidified in 30 minutes
4	Centrifuge machine	Remi Specification Attached	Max. Speed-6000 rpm, Max. RCF- 5070g, Max. Capacity-400ml, Digital Timer range- 0.59Min., WxDxH-380x470x300, Supply-220-240 volts 50 HZ Single phase.
5	Grossing big Knife	Local	Size- 130 mm and 260 mm
6	Tissue floating Water bath	Leica Specification Attached	Dimensions:-350x310x100mm, Relative Humidity:-20-80%, Operating Temperature range- +15degreeC to+ 40degreeC,
7	Grossing tools box	Local	Must have forceps, Scalpels, dissecting mat
8	Embedding cassettes	Local	Size- 40x25x10mm.,

for  23/12/23

Prof. & H. O. D.
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