

**Hamdard Institute of Medical Sciences & Research
And Associated HAH Centenary Hospital
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DEPARTMENT OF ANATOMY

Sub: Specification for Manual Microtome.

S.No	Specification	Qty
1.	<ul style="list-style-type: none"> • Stable and distortion free basic design with Micrometer mechanism and coarse feed system in an enclosed ergonomically designed housing with section counter display. • Vertical specimen movement on backlash and maintenance free coarse roller bearing. • Automatic Specimen feed. • Specimen retraction on return stroke. • Section thickness setting from 0.5 to 60 μm Up to 2 μm in 0.5 μm increments Up to 10 μm in 1 μm increments Up to 20 μm in 2 μm increments Up to 60 μm in 5 μm increments • Horizontal feed range 28mm. • Manual coarse feed on left side. • Automatic trimming modes in 10μm and 30μm. • Vertical locks in any stroke 64 mm • Integrated especially smooth running hand wheel locks in any position. • Fine orientation of specimen on 2 axes. • Adaption for each specimen clamp-rotatable • Quick change for all specimen clamps. • Direct fitting of knife carriers with precision guide way. • Large section waste tray with integrated arm rest, removable and capacity of 1.100ml. <p><u>Standard Equipment :</u></p> <ul style="list-style-type: none"> • 1 X 100 ml para guard, standard tools- Dust cover, Instruction manual • 1 No standard specimen clamp or universal cassette clam • 1 No standard disposable holder for both high and low profile disposable blade. • One packet LP Blade (pack of 50 blades) • One packet HP Blade (pack of 50 blades) • Dimension : 420 x 490 x 280 mm (Wide x deep X high) • Weight : 23 kg. 	1

Technical Specifications of Electronic Analytical Balance

Product Details:

Linearity	0.02g
Repeatability	0.01g
Readability	0.01g
Capacity	3200g
Pan Size	170x190mm
Power Connection	220/230 V AC
Calibration	Internal
Weighing	Mono Bloc

Features:

- Motorized Internal Calibration with built in weight
- Easy to read Backlight LCD Display
- Density measurement for solid & liquid (Optional)
- Calibration with changeable temperature
- Standard RS 232 C Interface
- Auto - Timing Calibration
- Percentage (%) Weighing
- Based on E.M.F.C. Technology
- Tare range upto max. Capacity

Details of Models:

S. N.	Particular	Quantity
1	ANTERIOR VIEW OF INTESTINAL LOOP SHOWING COILING OF SMALL INTESTINE	1
2	9 DAY HUMAN BLASTOCYST SHOWING SYNCITIOTROPHOBLAST CYTOTROPHOBLAST & BILAMINAR DISC.	1
3	PHARYNGEAL ARCHES WITH BOARD	1
4	DEVELOPMENT BRAIN (EMBRYO) 4 MODELS	4
5	DEVELOPMENT OF VITELLINE VEIN, UMBILICAL VEIN A B C D ON STAND	4
6	DEVELOPMENT OF MERANEPHRIC EXCRETORY UNIT 3 MODELS	3
7	DIVISIONS OF THE CLOACA INTO THE UROGENITAL SINUS AND ANO RECTAL CANAL SET OF 3 MODELS ON STAND (3D)	3
8	SUCCESSIVE STAGES IN DEVELOPMENT OF THE RESPIRATORY FOUR GUT A B C (3D)	3
9	DEVELOPMENT OF INFERIOR VENA CAVA:- A 6 WEEKS WITH STAND	1
10	VESICO URETHRAL PORTION OF ENDODERMAL CLOACA SHOWING THE SINUS TUBERCLE AND FUSED PARAMESONEPHRIC DUCT	1
11	EMBRYO NEURAL GROOVE 26 DAYS	1
12	DEVELOPMENT OF THE PERITONEUM	1
Total		24

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