

BAB X. SPESIFIKASI TEKNIS

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No.	Nama Peralatan	Spesifikasi	Vol		
Lab Departemen Biologi F. MIPA					
1	Mikroskop majemuk binokuler	LEICA DM500/CARL ZEISS	<p>Stands : StandA Stand shape protects controls Stand construction – die-cast aluminium External fuses Knurled nosepiece 4 position nosepiece. Safestage : Stage surface 185 mm (150 mm front) wide × 140 mm deep Rounded stage edges Non extending rack Verniers for X/Y coordinates Wear resistant stage surface. Observation tube : 45° EZ tube Preset diopters for corrected vision Attaches to stand with set screw Interpupillary distance range 52 mm – 75 mm. Eyepieces : 10X / 20mm field of view High eyepoint 30 mm mounting diameter. Objective lens : Plan 4×/0.10 NA, 26.2 mm W.D. Plan 10×/0.22 NA, 7.8 mm W.D. Plan 40×/0.65 NA, 0.31 mm W.D. Plan 100×/1.25 NA, 0.10 mm W.D., oil. Condenser : Prefocused and precentered Abbe condenser Slot in Abbe condenser for contrast sliders (phase, darkfield, compensator) Magnification labels on condenser. Focusing knob : Low position focus controls Self adjusting focus mechanism 300 microns per fine focus rotation Calibrated in 3 micron increments. Dimension : 40 cm × 37 cm × 39 cm (H×D×W). Weight : 9 kg. Certification : cULus, CE, RoHS Main optical components meet ISO 9022-11 for Mould Growth.</p>	5	Unit

2	Mikroskop majemuk terintegrasi dengan kamera digital	LEICA DM500 Plus Camera ICC50E/CARL ZEISS , Model:Primostar with integrated Camera	<p>Stands : StandA Stand shape protects controls Stand construction – die-cast aluminium External fuses Knurled nosepiece 4 position nosepiece. Safestage : Stage surface 185 mm (150 mm front) wide × 140 mm deep Rounded stage edges Non extending rack Verniers for X/Y coordinates Wear resistant stage surface. Observation tube : 45° EZ tube Preset diopters for corrected vision Attaches to stand with set screw Interpupillary distance range 52 mm – 75 mm. Eyepieces : 10X / 20mm field of view High eyepoint 30 mm mounting diameter. Objective lens : Plan 4×/0.10 NA, 26.2 mm W.D. Plan 10×/0.22 NA, 7.8 mm W.D. Plan 40×/0.65 NA, 0.31 mm W.D. Plan 100×/1.25 NA, 0.10 mm W.D., oil. Condenser : Prefocused and precentered Abbe condenser Slot in Abbe condenser for contrast sliders (phase, darkfield, compensator) Magnification labels on condenser. Focusing knob : Low position focus controls Self adjusting focus mechanism 300 microns per fine focus rotation Calibrated in 3 micron increments. Dimension : 40 cm × 37 cm × 39 cm (H×D×W). Weight : 9 kg. Certification : cULus, CE, RoHS Main optical components meet ISO 9022-11 for Mould Growth. Camera : Weight : 700 g. Live Image : 30 fps max – depend on mode and resolution setting. Full Fram Image : 5.0 megapixels.Measurement : Suitable with Zoom magnification which choosed 40x, 100x, 400x, 1.000x. Movie clip : 1.920 x 1.080 max</p>	2	Unit
3	Mikroskop stereo	LEICA EZ4/CARL ZEISS, Model:Stemi 305	<p>Optical System 10o Greenough, parfocal. Magnification Changer : Zoom 4.4:1. Eyepieces wearers : 10x/20 fixed. Viewing angle : 60o. Working distance : 100 mm. Magnification Range : 8x to 35x. Maz Resolution : 170 Lp/mm Max Num. Apperture 0.057 nA. Interpupillary distance : 50 -75 mm. Led Illumination System : Integrated, independent or dombined with 5 leds, top light with three LED, side Light with 2 LED. Auto off : After 2 hours. Power supply : Universal from 100 v to 240 v, voltage sensitive, integrated all instrument. Digital</p>	5	Unit

4	Mikroskop stereo terintegrasi dengan kamera digital	LEICA with EZ4 E (Integrated camera)/CARL ZEISS, Model Stemi with camera	Optical System 10o Greenough, parfocal. Magnification Changer : Zoom 4.4:1. Eyepieces wearers : 10x/20 fixed. Viewing angle : 60o. Working distance : 100 mm. Magnification Range : 8x to 35x. Maz Resolution : 170 Lp/mm Max Num. Apperture 0.057 nA. Interpupillary distance : 50 -75 mm. Led Illumination System : Integrated, independent or dombined with 5 leds, top light with three LED, side Light with 2 LED. Auto off : After 2 hours. Power supply : Universal from 100 v to 240 v, voltage sensitive, integrated all instrument. Digital Camera: Integrated 5.0 x megapixel CMOS. USB, Ethernet, SD Mode : Usb Cable CONnet to PC, Ethernet Cable Connet To network, Capture to SD Card. Measurement : Suitable with Zoom magnification which choosed 8x up to 35x. HDMI Port: HD output for desktop. Integrated Slot : SD (Secure Digital). Recording :Switch for image capture	2	Unit										
5	Rotary Mikrotom	Epredia Tipe HM 325 (Kode ECA08)/ KD3368AM Full Automatic Microtom MTN083	<p>A premier manual rotary microtome with additional capability to support rapid set-up and cleaning for improved workflow. Description</p> <ul style="list-style-type: none"> • One-handed zero orientation head • Quick-trim button • Section counter • Guide-rail guidance for the knife holder • Large, easy-to-clean waste tray extends below the blade holder <p>Specifications</p> <table border="1" data-bbox="813 1485 1273 1739"> <tr> <td>Product Type</td> <td>Rotary Microtome</td> </tr> <tr> <td>Depth (English)</td> <td>19 in.</td> </tr> <tr> <td>Depth (Metric)</td> <td>49 cm</td> </tr> <tr> <td>Height (English)</td> <td>11 in.</td> </tr> <tr> <td>Height (Metric)</td> <td>28 cm</td> </tr> </table>	Product Type	Rotary Microtome	Depth (English)	19 in.	Depth (Metric)	49 cm	Height (English)	11 in.	Height (Metric)	28 cm	2	Unit
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