

**LIST OF ITEMS FOR THE PROCUREMENT OF BINOCULAR BIOLOGICAL MEDICAL MICROSCOPE AND MICROSCOPE CAMERA**

ITEM #	UNIT	DESCRIPTION	QTY	UNIT COST	TOTAL COST	END-USER
1	unit	<p><b>Binocular Biological Medical Microscope</b>                      KEY FEATURES:High contrast and sharp image with high quality optical system, Low environment requirement with Anti-mould technology, Comfortable operation with low position coarse and fine adjustment knobs, ECO function that automatically turn off after 30 min of no use, with cord rest on the back.  <u>TECHNICAL DATA:</u>                      Optical System : Infinite Optical System                      Eyepiece : WF10x / 20mm, ANTI FUNGUS                      Viewing Head : Seidentopf Binocular Head, inclined at 30°, Interpupillary 47-78mm                      ANTI FUNGUS, Objective : Infinite Semi-Plan Achromatic, Objectives 4×, 10×, 40×, 100×                      ANTI FUNGUS, Nosepiece : Backward Quadruple Nosepiece, Stage : RACKLESS Double Layers                      Mechanical Stage 150mm×139mm Moving Range 75mm×52mm,                      Condenser : Abbe Condenser NA1.25, Focusing : Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm,                      Moving Range 25mm                      Illumination : S-LED Illumination with Rechargeable Battery, Brightness Adjustable,                      ECO Function, automatically turn off after pre-defined time of no use.</p>	30	60,000.00	1,800,000.00	

2	unit	<p><b>Microscope Camera</b>  KEY FEATURES: Use mouse to control the Camera, Record image and video to SD card, High frame rate of 15fps, 3D Noise Reduction, Set Exposure Time Capability, 1080P Video Recording, mage Comparison Function.  <u>TECHNICAL DATA SHEET:</u>  Image Sensor : CMOS, Aptina MT9P031  Sensor Size : 1/2.5"  Pixel Size : 2.2um × 2.2um  Video Resolution : 1920 × 1080  Capture Resolution : 2592 × 1944  Frame Rate : 1920 × 1080 15fps via USB2.0  1920 × 1080 15fps via HDMI  Data Record : SD Card (4G)  Video Record : 1080p 15fps @ SD Card  1080p 15fps @ PC  Scan Mode : Progressive  Electronic Shutter : Electronic Rolling Shutter  A/D conversion : 8 bit  Color Depth : 24bit  Dynamic Range : 60dB  S/N ratio : 40.5dB  Exposure time : 0.001 sec ~ 10.0 sec</p>	3	150,000.00	450,000.00	College of Medicine
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Exposure : Automatic & Manual  
White balance : Automatic  
Settings : Gain, Gamma, Saturation, Contrast  
Built- in software : Cloud 1.0 version  
PC software : ISCapture  
Output model 1 : USB2.0  
Output model 2 : HDMI  
System Compatible : Windows XP/Vista/ Win 7/Win 8/Win 10 (32 and 64-bit), MAC OSX, Optical port : C- Mount, Power Supply : DC 12V /2A  
Operational Temp : 0°C~60°C  
Humidity : 45%-85%  
Storage Temperature : -20°C~70°C  
Dimension & Weight : ±5mm\*67.2\*90.9mm, ±0.2kg

**GRAND TOTAL**

**2,250,000.00**





