

စိုက်ပျိုးရေး၊ မွေးမြူရေးနှင့်ဆည်မြောင်းဝန်ကြီးဌာန၊ မွေးမြူရေးဆိုင်ရာဆေးတက္ကသိုလ်

Lot 2 Lab Equipment Specifications

စဉ်	ပစ္စည်းအမျိုးအမည်	Specification	အရေအတွက်
၁	Trinocular stereo zoom microscope NexiusZoom	<ul style="list-style-type: none"> • 0.67x to 4.5x zoom objective, magnification from 6.7x to 45x with pillar stand. • Two incident LED illuminations with Gooseneck and one transmitted 3 W LED illumination • Pair wide field eyepieces HWF10x/22mm without eyecups • Trinocular head with 45° inclined tubes • Diopter adjustment $\pm 5^\circ$ on two tubes. • Interpupillary distance adjustable between 54 and 75 mm • 0.67x to 4.5x zoom objective, magnification from 6.7x to 45x • Field of view from 33 mm to 4.9 mm. Working distance 110 mm • Ergonomically pillar stand. Maximum object height 148 mm • Supplied with opaque stage plate, white/black stage plate and 2 object clamps • Two incident LED illuminations with Gooseneck and one transmitted 3 W LED illumination. • Internal power supply • Both illumination intensities can be adjusted separately • Supplied with power cord, dust cover and user manual in Styrofoam case 	၁
J	bScope trinocular microscope	<ul style="list-style-type: none"> • HWF 10x/20 mm eyepieces and quintuple nosepiece with plan PLi 4/10/S40/S100x oil infinity corrected IOS objectives, • 131 x 152/197 mm stage with integrated mechanical 77 x 36 mm rackless X-Y stage. • 3 W NeoLED™ Kohler illumination and integrated power supply. • HWF 10x/20 mm eyepieces • -Trinocular head, Siedentopf type, 30° inclined tubes. Interpupillary distance 48-75mm. Diopter adjustment on left tube • Reversed quintuple revolving nosepiece on ball-bearings • Plan PLi 4x, 10x, S40x, S100x oil immersion infinity corrected IOS objectives • All optics are anti-fungus treated and anti-reflection coated for maximum light throughput • Coaxial coarse and fine adjustments with 180 graduations. Precision 1.1 μ m, 0.2 mm per rotation. Total travel approximately 18 mm. Friction adjustment Plain 131 x 152/197 mm rackless stage with 77 x 36 mm mechanical rackless stage • Height adjustable Abbe condenser N.A. 1.25 with iris diaphragm and filter holder • 3 W NeoLED™ Kohler illumination. Internal power supply 	၁

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		<p>100-240 V (CE)</p> <ul style="list-style-type: none"> • Supplied with power cord, dust cover, 5 ml immersion oil in styrofoam case and without rechargeable AA-type batteries 	
၃	<p>HD-Ultra color camera With LCD touch screen</p>	<ul style="list-style-type: none"> • HD 1080p high definition color camera • Real time images directly on TV, monitor or beamer • Stand alone or used via PC • Built-in mouse-driven software • C-mount interface • HDMI, USB-2 and SD memory card • Compatible with ImageFocus Plus software • Available with 11.6" HD screen (VC.3036-HDS) <p>Sensor HDMI 6.0 Mega pixels CMOS high sensitive sensor (Sony)</p> <p>Format 1/2.8 inch, HDTV 1080p (50/60 Hz)</p> <p>Pixels 3264 x 1836 pixels (capture mode) 1920 x 1080 pixels (live view) HDMI 60 fps, USB 30 fps</p> <p>Video 1080p pixels video recording mode</p> <p>Scan mode Progressive scan</p> <p>Pixel size 2.8 μm x 2.8 μm</p> <p>Noise 3D Noise Reduction function</p> <p>Sensitivity 510 mV</p> <p>White balance Automatic/manual</p> <p>Dynamic range 69 db</p> <p>S/N max 55 db</p> <p>Interfaces Digital HDMI, USB 2</p> <p>Storage Standard high speed 16 Gb SD memory card or to USB-2</p> <p>Camera buttons On/Off</p> <p>Mounting C-mount interface</p> <p>Power supply External main adapter 100-240 Vac to 12 Vdc/2A</p> <p>Operation 0 – 60° C, 45-85 % humidity</p> <p>Storage temperature -20 to 70° Celsius</p> <p>Supplied with HDMI cable, USB 2 cable, 12Vdc/2A power supply, high speed 16 Gb SD card and USB-2 mouse. Supplied with 0.37x objective. Built-in mouse-driven software for image capturing, 1080p HD video recording, image comparison and browsing of captures images and videos. Standardly supplied with stage micrometer 1 mm divided in 100 parts, 10 μm per division</p>	၁