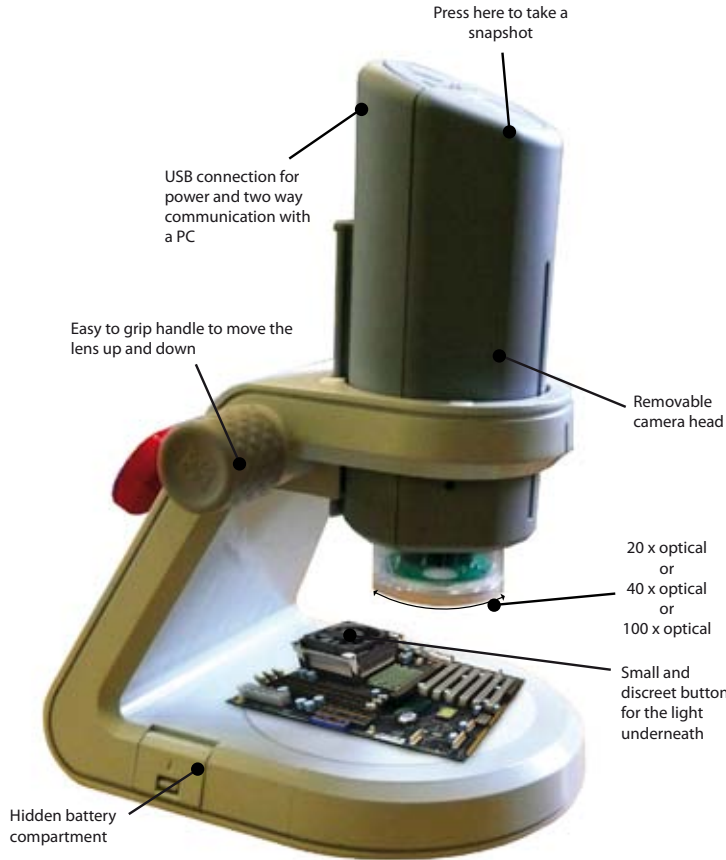


# genee scope

## Portable digital microscope



The Genee Scope is a NEW portable digital microscope for inside, and outside (with a portable laptop). It has a USB connection so you can magnify, capture and modify your images. This microscope has almost no moving parts and is robustly housed in a tough plastic case ensuring high durability and minimum cleaning requirements. Powered by USB from the PC/Laptop the Genee Scope uses low energy, making it an environmental friendly, green 21st century solution.

The ergonomic shape fits snugly in your hand or onto the sleek, sturdy base. The Genee Scope has a 20x, 40x and 100x magnification range and cool bright LED lighting on top and bottom. Excellent for viewing specimens or slides.

### Benefits of using the Genee Scope

- Capture dynamic presentation resources
- Magnify, capture and modify various images
- Assess and record employee strengths and weaknesses
- Use inside and outside the boardroom or training room
- Environmentally friendly
- Removable camera head offers complete flexibility
- Suitable for sharing amongst participants with no power issues
- Visually impaired participants can view objects under the microscope with ease
- Spacer ring
- Slide holder
- Free bag

### Key features

- Rapid focusing
- Housed in a plastic case enabling high durability and minimal maintenance
- Cord Management Handle System
- Removable camera/magnification head
- LED illumination: Cool Lighting
- Sleek size for easy storage
- Comfortable and easy to grip ergonomic shape
- Sturdy metal base
- USB port
- Minimal moving and spare parts
- Hidden battery compartment
- Easy to grip handle to move the lens up and down
- Adjustable lens height giving you easy focus
- Small and discreet button for over and underneath lighting



FREE BAG



DETACHABLE MICROSCOPE BODY WITH SPACER RING



GENEE SCOPE CONNECTED TO LAPTOP USING USB



# Specification

ITEMS	SPECIFICATION	REMARK/SPEC/UNIT
Size	17.8cm x15.2cm x 20.3cm/ 29.2cm (min/max)	
Weight	3.2lbs; 1.5kg	
Optical format	1/4inch	4:3
Resolution	640(H) x 480(V)	VGA
Sensor dimensions	5.345mmx 5.265mm	
Pixel size	6.0 um x 6.0um	
Data output	8 bit (uncompressed video)	BIT rate control
Data output format	CRB/YcbCr 4:2:2,YUV, RGB565/555/444	CPU
Automatic image functions	Automatic exposure control	AEC
	Automatic gain control	AGC
	Automatic white balance	AWB
	Automatic band filter	ABF
	Automatic black level calibration	ABL
	Automatic noise removal	ANR
	Lens shading correction	LSC
	Defect pixel compensation	DPC
	Edge enhancement	EE
Image quality controls	Colour saturation	Fixed auto
	Hue	Fixed, auto
	Gamma control	Fixed, auto
	Sharpness	Fixed, auto
	Anti-blooming	Fixed, auto
USB device controller	Compliant USB 1.1 & 2.0	CPU
USB cable	Black with grey cable clip	USB 2.0 cable. 6.0 feet
Image transfer rate	30 @ VGA	640 x 480
S/N ratio	60dB	
Light sensitivity	3.0V	Lux/second
Dynamic range	60dB	
Scan mode	Progressive	
Image compression	JPEG	
Snap shot button	Located on top of camera body	
Camera head	Detachable	Turn focusing knob upward & pull
Focusing method	Slide belt movement type	
Objective lens	2x, 4 x 10x	Click stop rotation
	Mounted in camera housing	See thru clear cover
Total magnificationpower	At 2 x objective lens	20 x
	At 4 x objective lens	40 x
	At 10 x objective lens	100 x
Working distance	Upto 80mm from the bottom stage surface	About 1 & 1/4 turn to reach 80mm point
Focal distance	At 2 x objective lens	About 18.0mm
	At 4 x objective lens	About 21.0mm
	At 10 x objective lens	About 5.0mm
Camera housing	Grey part length only	163.0mm
	Grey part diameter (longest side)	70.0mm
	Clear cover length	20.0mm
	Clear cover diameter	48.0mm
	Focusing rail dimensions	107.0mm x 28.0mm
Scope body dimensions	153.0(w) x 158.0(h) x 190.0(d)	In millimetres
	Knob end to end distance	166.0mm
Lighting	Bottom light	Uses 4-AA alkaline batteries
	Upper light	Uses DC 5.0 V from USB port
LED light on/off switch	Bottom light	Right hand side on stage
	Upper light	Underneath USB cable on camera body
Battery compartment	Left side of base	For bottom stage light
	Battery polarity indicator	Marked inside of battery door/bottom
Current consumption	200 mA max	Camera part only
Operating temperature	-20C to 50C	
Compatability	Windows & Mac	

Dealer stamp

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