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Levenhuk LabZZ
Optics for Kids

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Levenhuk D740T 5.1M Digital Trinocular Microscope

Magnification: 40–2000x. Comes with 5 Mpx digital camera, high-quality achromatic objective lenses, and Abbe condenser with iris diaphragm.

Category: Microscope

Product ID: 69658

Country: PRC, controlled by Levenhuk, Inc. (USA)

Warranty: lifetime

Shipping weight: 13.2 lb (6 kg)

UPC: 0611901504780

Package size (LxWxH): 19.3×15.7×10.6 in (49×40×27 cm)



Lifetime Warranty

Out of stock



Levenhuk D740T digital microscope is designed for both visual observations through the microscope eyepiece and for data transmission to a PC monitor. The microscope comes with a modern 5 Mpx camera that you install in the eyepiece tube to transmit images to a PC monitor in real time. As the microscope has a trinocular head, you can at the same time... [more](#)

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Additional blank slides and cover slips included. Area of use: Botany and Zoology, Biology and Physiology

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Description Specifications Reviews References and Downloads Questions and Answers

Optics material

optical glass



Magnification, x	40–2000
Eyepiece tube diameter, mm	23.2
Eyepieces	WF10x/18mm, WFH20x
Objectives	achromatic: 4x, 10x, 40xs, 100xs (oil immersion)
Stage, mm	140x130, double layer mechanical stage with coordinate scale and clips
Stage moving range, using focusing mechanism, mm	vertically: 24mm; horizontally: 75mm
Eyepiece diopter adjustment, diopters	±6
Condenser	Abbe N.A. 1.25
Diaphragm	iris
Focus	coaxial, coarse and fine coarse: 22mm fine: 0.002mm
Body	aluminum
Backlight	LED
Brightness adjustment	yes
Power source	110 V/50 Hz
Light source type	LED 3W
Filters	blue, yellow, green
Additionally	eyepiece tube length: 160mm
Camera model	Levenhuk D740T
Megapixels	5.1
Sensor	1/2.5" CMOS
Pixel size, µm	2.2x2.2
Sensitivity, v/lux.sec@550 nm	0.53
Video recording	yes
Usage location	eyepiece tube (replaces the eyepiece)
Image format	*.bmp, *.jpg, *.jpeg, *.png, *.tif, *.tiff, *.gif, *.psd, *.ico, *.emf, *.wmf, etc.
Spectral range, nm	380–650
Method of exposure	ERS (Electronic Rolling Shutter)
White balance	auto/manual
Exposure control	auto/manual
Software	USB 2.0 driver, Levenhuk software
Programmable options	image size, brightness, exposure control
Camera slot	USB 2.0, 480 Mb/s
System requirements	Windows XP (32-bit), Windows Vista/7/8/10 (32-bit or 64-bit), Mac OS X, Linux processor up to 2.8GHz Intel Core 2 or higher, USB 2.0 port, CD-ROM
Camera power supply	via USB cable
Usage	General use product. May be used by kids over 3 years old.
Video format	*.wmv, *.h264, *.avi, etc.
Application	School Research, Hobby
Maximum resolution	2592x1944

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