



VELAB™

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VELAB™

Applying advanced technologies that truly help improve the world!
We highly value innovation and consider it our main objective.

The key to VELAB´ s innovative spirit relies in the close relation that
we keep with the scientific, medical and industrial community.

In the pursuit of innovation and convenience, we continue to
uphold quality completely. In VELAB we are dedicated to the
continuous innovation of our microscopes and our compromise is
to provide microscopes that are easy to use, tough to break and
which provide long and loyal use.

Toward that end, we are uncompromising in our quality control
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M SERIES

The **Monocular Microscopes** are designed to perform in basic and intermediate educational environments. All microscopes in this series come with an eyepiece that provides with comfortable observation for the user. The M series is equipped with high quality achromatic optics, which offers flat images with excellent resolution. Its long-lasting LED illumination offers comfort and allows the light intensity to be regulated, protecting the user's sight and facilitating observation.

VELAB's M series requires minimal training for usage, which allows users, with little experience to familiarize themselves rather quickly with the microscope.

The features included in VELAB's M series allow users to improve and facilitate the learning process at all levels of education.



VE-J1

*Eyepiece WF 10X/18 mm.
Achromatic 4X, 10X, 40X.
Fixed stage, 3.54" x 3.54".
Transmitted and incident LED light.
Dust cover included.*



VE-M1

*Eyepiece WF 10X/18 mm.
Achromatic 4X, 10X, 40X (S).
Fixed stage, 3.70 x 3.70".
Transmitted LED light.
AC/DC Adapter, dust cover, operation manual included.*



VE-M3

*Eyepiece WF 10X/18 mm.
Achromatic 4X, 10X, 40X (S).
Fixed stage, 4.72" x 4.72".
Transmitted LED light.
AC/DC Adapter, dust cover, operation manual.*

	VE-J1	VE-M1	VE-M3	VE-M4	VE-M5	VE-M6
HEAD						
Monocular	•	•	•	•	•	•
Binocular						
Trinocular						
NOSEPIECE						
Triple	•	•	•	•		
Quadruple					•	•
STAGE						
Flat	•	•	•			
Two-Layer				•	•	•
CONDENSER						
N.A. 0.65	•	•	•			
Abbe, N.A. 1.25				•	•	•
DIAPHRAGM						
Disk type	•	•	•			
Iris with filter holder				•	•	•
FOCUSING						
Coarse focus adjustment	•					
Coarse and fine focus adjustment		•	•	•	•	•
POWER SUPPLY						
Bateries AA 1.5V	•	•	•	•	•	
AC 110-240, 50/60 Hz.		•	•	•	•	•



VE-M4

Eyepiece WF 10X/18 mm.
 Achromatic 4X, 10X, 40X (S).
 Mechanical stage, 5.11" x 5.11".
 Transmitted LED light.
 AC/DC Adapter, dust cover, operation manual included.



VE-M5

Eyepiece 10X, 18 mm.
 Achromatic 4X, 10X, 40X, 100X (oil).
 Mechanical stage, 5.11" x 5.11".
 Transmitted LED light.
 AC/DC Adapter, dust cover, operation manual, immersion oil, blue filter included.



VE-M6

Eyepiece 10X/18 mm.
 Achromatic 4X, 10X, 40X, 100X (oil).
 Mechanical stage, 4.92" x 4.92".
 Transmitted LED light.
 Power cord, dust cover, operation manual, immersion oil, blue filter included.

B SERIES

Binocular Microscopes are designed to meet basic needs in microscopy. They adapt perfectly to any type of laboratory or educational facility where routine observations are made.

The B series microscopes add all the necessary elements in compact, ergonomic and easy to use devices that adapt to the needs of each user. All virtues of the B series microscopes make this series an essential element in the laboratory.



VE-B0

*Eyepieces WF 10X/18 mm.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical, 5.11" x 5.11".
Transmitted LED light.
AC/DC Adapter, dust cover,
operation manual, immersion oil,
blue filter included.*



VE-B1

*Eyepieces 10X/18 mm.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical stage 4.92" x 4.92".
Transmitted LED light.
Power cord, dust cover, operation
manual, immersion oil, blue filter
included.*



VE-B2

*Eyepieces WF 10X/18 mm.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical stage 5.51" x 5.19".
Transmitted LED light.
AC/DC Adapter, dust cover,
operation manual, immersion oil,
blue filter included.*



VE-B3

*Eyepieces WF 10X/18 mm.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.51" x 5.19".
Transmitted LED light.
AC/DC Adapter, dust cover,
operation manual, immersion oil
included.*

	VE-B0	VE-B1	VE-B2	VE-B3	VE-B3P	VE-B4	VE-B5	VE-T2
HEAD								
Monocular								
Binocular	•	•	•	•	•	•	•	
Trinocular								•
NOSEPIECE								
Triple								
Quadruple	•	•	•	•	•	•	•	•
STAGE								
Fixed								
Two-Layer	•	•	•	•	•	•	•	•
CONDENSER								
N.A. 0.65								
Abbe, N.A. 1.25	•	•	•	•	•	•	•	•
DIAPHRAGM								
Disk type.								
Iris with filter holder	•	•	•	•	•	•	•	•
FOCUSING								
Coarse focus adjustment								
Coarse and fine focus adjustment	•	•	•	•	•	•	•	•
POWER SUPPLY								
Bateries AA 1.5V	•		•	•	•	•	•	•
AC 110-240, 50/60 Hz.	•	•	•	•	•	•	•	•



VE-B3P

Eyepieces WF 10X/18 mm.
Sliding binocular head, 45°
inclined and 360° rotatable.
Plan-achromatic 4X, 10X, 40X,
100X (oil).
Mechanical stage, 5.51" x 5.19".
Transmitted LED light.
AC/DC Adapter, dust cover,
operation manual, immersion
oil and blue filter included.



VE-B4

Eyepieces WF 10X/20 mm.
Binocular Siedentopf head,
inclined 45° and 360° rotatable.
Semi plan-achromatic 4X, 10X,
40X, 100X (oil)
Mechanical stage, 5.51" x 5.19"
Kohler LED light.
Power cord, dust cover,
operation manual, immersion
oil and yellow, blue and green
filter included.



VE-B5

Eyepieces WF 10X/22 mm.
Binocular Siedentopf head,
inclined 45° and 360° rotatable.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.90" x 5.19".
Kohler LED light.
Power cord, dust cover, operation
manual, immersion oil and yellow,
blue and green filter included.



VE-T2

Eyepieces WF 10X/22 mm.
Binocular Siedentopf head,
inclined 45° and 360° rotatable.
Achromatic 4X, 10X, 40X, 100X (oil)
Mechanical stage, 5.51" x 5.19".
Transmitted LED light.
AC/DC Adapter, dust cover,
operation manual, immersion oil
and blue filter included.

B SERIES

ADVANCED

The **Binocular Microscopes** of advanced are designed with compact optical elements, an ergonomic design and high-quality optical systems. Its innovative features make up the ideal device necessary to introduce users to the world of microscopy. B series microscopes also include achromatic semi-plan objective systems, achromatic plan and achromatic plan with infinite correction, as well as the possibility for Kohler illumination technique. A unique feature in this series is the configurations available, such as phase contrast or dark field, which add versatility to our microscopes. This series of microscopes is perfectly suited for higher education, clinical and research laboratories, as well as in the biotechnology industry.



VE-B6

*Eyepieces WF 10X/20 mm.
Binocular Siedentopf head, 45° inclined and 360° rotatable.
Achromatic 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.90" x 5.19".
Kohler LED light.
Power cord, dust cover, operation manual, immersion oil and yellow, blue, green filter included.*



VE-B7

*Eyepieces WF 10X/22 mm.
Siedentopf type head, 45° inclined and 360° rotatable.
Infinity corrected plan-achromatic optics 4X, 10X, 40X, 100X (oil).
Mechanical stage 5.90" x 5.19".
Kohler LED light.
Power cord, dust cover, operation manual, immersion oil and yellow, blue, green filter included.*



VE-B10

*Eyepieces WF 10X/20 mm.
Siedentopf type head, 45° inclined and 360° rotatable.
Phase contrast with plan achromatic optics, 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.90" x 5.19".
Zernike phase contrast condenser, opening for 10X, 20X, 40X, and 100X with position for clear field.
Power cord, dust cover, operation manual and immersion oil included.*

VE-B6 VE-B7 VE-B10 VE-B15 VE-B20

	VE-B6	VE-B7	VE-B10	VE-B15	VE-B20
HEAD					
Monocular					
Binocular	•	•	•		•
Trinocular				•	
NOSEPIECE					
Triple					
Quadruple	•	•	•	•	•
STAGE					
Fixed					
Two-Layer	•	•	•	•	•
CONDENSER					
N.A. 0.65			N/A		
Abbe, N.A. 1.25	•	•	N/A	•	•
DIAPHRAGM					
Disk type					
Iris with filter holder	•	•	•	•	•
FOCUSING					
Coarse focus adjustment					
Coarse and fine focus adjustment	•	•	•	•	•
POWER SUPPLY					
Bateries AA 1.5V		•	•	•	•
AC 110-240, 50/60 Hz.	•	•	•	•	•



VE-B15

Eyepieces WF 10X/22 mm.
 Siedentopf type head, 45° inclined and 360° rotatable
 Infinity corrected plan-achromatic optics, 4X, 10X, 40X, 100X (oil).
 Mechanical stage, 5.90" x 5.19".
 Kohler LED light.
 Power cord, dust cover, operation manual, immersion oil and yellow, blue, green filter included.



VE-B20

Eyepieces WF 10/22 mm.
 Siedentopf type head, 45° inclined and 360° rotation.
 Infinity corrected achromatic optics, 4X, 10X, 40X, 100X (oil).
 Mechanical stage, 7.08" x 5.90" mm.
 Kohler LED light.
 Power cord, dust cover, operation manual, immersion oil and yellow, blue, green filter included.

S SERIES

The **Stereoscopic Microscopes** embrace a completely different world within the microscopic observation. Thanks to its optical system set-up, the user can observe samples in 3D.

Our innovative ergonomic designs allow for easy observation, continuous magnification, high-quality incident and transmitted LED lighting and reflection, as well as the possibility of integrating an imaging device to gather observations. All these elements make our stereoscopic devices the ideal tool for exceptional use.

The S series of VELAB microscopes offers an extensive range of applications, making it the ideal device for education, research or industrial centers.



VE-S0

*WF 10X/20 mm eyepieces.
Straigh head, 360° rotatable.
2X fixed objective.
Transmitted and incident LED
light
AC/DC Adapter, dust cover,
operation manual, adjustment
tool included.*



VE-S1

*WF 10X/20 mm eyepieces.
45° inclined head.
Selectable objectives 2X/4X.
Transmitted and incident LED
light
AC/DC Adapter, dust cover,
operation manual, adjustment
tool included.*



VE-S3

*WF 10X/20 mm eyepieces.
45° inclined head.
Selectable objectives 2X/4X.
Transmitted and incident LED
light
AC/DC Adapter, dust cover,
operation manual, adjustment
tool included.*



VE-S4

*WF 10X/20 mm eyepieces.
60° inclined head.
Zoom system for variable
magnifications of 0.7X, 0.8X, 0.9X,
1X, 1.5X, 2X, 2.5X and 3X.
Transmitted and incident LED
light.
Power cord, operation manual
and dust cover included.*

	VE-S0	VE-S1	VE-S3	VE-S4	VE-S5	VE-S6	VE-S7
HEAD							
Monocular							
Binocular	•	•	•	•		•	
Trinocular					•		
STAGE							
Interchangeable translucent white and white/black.	•	•	•	•	•	•	•
FOCUSING							
Coarse focus adjustment		•	•	•	•	•	
Coarse and fine focus adjustment	•						
POWER SUPPLU							
Bateries AA 1.5V		•					
AC 110-240, 50/60 Hz.	•		•	•	•	•	



VE-S5

WF 10X/20 mm eyepieces.
45° inclined head
Zoom system for variable magnifications of 0.7X, 0.8X, 1X, 1.5X, 2X, 3X, 4X and 4.5X.
Trasnmitted and incident LED light.
Power cord, operation manual and dust cover included.



VE-S6

WF 10X/22 mm eyepieces.
45° inclined head.
Zoom system for variable magnifications of 0.67X, 0.7X, 0.8X, 1X, 1.5X, 2X, 3X, 4X and 4.5X.
Trasnmitted and incident LED light.
Power cord, operation manual and dust cover included.



VE-S7

WF 10X/22 mm eyepieces.
45° inclined head.
Zoom system for variable magnifications of 0.67X, 0.7X, 0.8X, 1X, 1.5X, 2X, 3X, 4X, 4.5X, 5X, 5.5X.
Trasnmitted and incident LED light.
Power cord, operation manual and dust cover included.

D SERIES

The **Digital Microscopes** remains at the forefront, adding high quality imaging technology in its devices. The D series consists of multiple elements that integrate image or video devices, such as cameras and tablets, facilitating work and taking microscopy and the collection of visual information to a new level. The D series is ideal for educational or work centers that require storing of digital observations.

HEAD

Monocular

Binocular

Trinocular

NOSEPIECE

Triple

Quadruple

STAGE

Fixed

Two-Layer

CONDENSER

N.A. 0.65

Abbe, N.A. 1.25

DIAPHRAGM

Disk type

Iris with filter holder

FOCUSING

Coarse focus adjustment

Coarse and fine focus adjustment

POWER SUPPLY

Bateries AA 1.5V

AC 110-240,50/60 Hz.



VE-M5D

WF10X/18 mm eyepieces.
45° inclined head and 360° rotatable.
Achromatic optics 4X, 10X, 40X, 100X (oil)
Mechanical stage, 5.11" x 5.11".
Transmitted LED light.
CD software, dust cover, operation manual, USB cable, blue filter, immersion oil and AC/DC adapter included.



VE-M5LCD

6" LCD screen with digital camera 2MP.
Achromatic optic 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.11" x 5.11".
Transmitted LED light..
AC/DC Adapter, dust cover, operation manual, blue filter and immersion oil included.



VE-BC1

WF 10X/18 mm eyepieces.
Siedentopf type head, 30° inclined with digital camera 3.0MP.
Achromatic optics 4X, 10X, 40X, 100X (oil).
Mechanical stage, 4.92" x 4.92".
Transmitted LED light.
USB cable, CD Software, dust cover, operation manual, blue filter, immersion oil and power



VE-BC3 PLUS

WF 10X/20mm eyepieces.
Siedentopf type head, 45° inclined and 360° rotatable, with 3.0MP digital camera.
Achromatic optics 4X, 10X, 40X, 100X (oil).
Mechanical stage, 5.90" x 5.19".
Kohler LED light.
Power cord, USB cable, dust cover, operation manual, CD software, yellow, blue, and green filter and immersion oil included.

VE-M5D	VE-M5LCD	VE-BC1	VE-BC3 PLUS	VE-BC3 PLUS PLAN	VE-B6PAD	VE-S5C	VE-653
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●	N/A						
	N/A	●	●	●	●	●	●
	N/A						
						N/A	
●	●	●		●	●	N/A	●
						N/A	
						N/A	
●	●	●	●	●	●	N/A	●
						N/A	
						N/A	
●	●	●	●	●	●	N/A	●
						N/A	
						N/A	
●	●	●	●	●	●	N/A	●
						●	
●	●	●	●	●	●		●
●	●	●	●	●	●		●



VE-BC3 PLUS PLAN

WF 10X/20mm eyepieces. Siedentopf type head, 45° inclined and 360° rotatable, with 3.0MP digital camera. Plan-achromatic optics 4X, 10X, 40X, 100X (oil). Mechanical stage, 5.90" x 5.19". Kohler LED light. Power cord, USB cable, dust cover, operation manual, CD software, yellow, blue, and green filter and immersion oil included.



VE-B6PAD

WF 10X/20 mm eyepieces. Siedentopf type head, 45° inclined. Achromatic optic 4X, 10X, 40X, 100X (oil). Mechanical stage, 5.90" x 5.19". Kohler LED light. 9.7" tablet, android 5.1, AC 110-240, 50/60 Hz. 5.0MP Camera. Power cord, dust cover, blue, yellow, green filter, operation manual, immersion oil, SD emory card, adapter rings Φ 30 and Φ 30.5 mm, 0.5X C-Mount.



VE-S5C

WF10X/20 mm eyepieces. 45° inclined head with 1.3MP digital camera. Zoom system optics 0.7X, 0.8X, 1X, 1.5X, 2X, 3X, 4X, 4.5X. Specimen stage fitted with semi-transparent disk and black and white disk. Transmitted and incident LED light. USB cable, operation manual, CD software and dust cover included.



VE-653

WF 10X/18 mm eyepieces. Siedentopf type head, 45° inclined and 360° rotatable with 9" LCD screen and a 5.0MP digital camera. Achromatic optics 4X, 10X, 40X, 100X (oil) Mechanical stage 5.90" x 5.19". Transmitted LED light. AC/DC Adapter, dust cover, operation manual, SD memory card, immersion oil and a yellow, blue, green filter included.

*SPECIALIZED
MICROSCOPES*

VE-146

The Metallographic Microscope, with transmitted and incident light and polarization is ideal for observing metals, minerals, crystals, powders and non-translucent materials.

The VE-146 offers a variety of features and is ideal for material sciences, quality controls and production in industrial procedures.

EYEPieces

WF 10X/22 mm.

HEAD

Binocular Siedentopf type, 45° inclined, 360° rotatable.

NOSEPIECE

Quintuple.

OBJETIVES

Infinity corrected plan-achromatic optic, 4X, 10X, 20X, 40X (S).

STAGE

Two-Layer mechanical stage, 7.48" x 5.90".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Kohler halogen 12V/30W with variable intensity control and field diaphragm in the lamp.

POWER SUPPLY

AC 110-240V, 50/60 Hz.



VE-146YT

The Trinocular Epi-fluorescence Microscope offers two wavelength filters to choose from with a range of observation ranging from yellow/green to red, with applicable ranges for a wide range of fluorescent molecules such as FITC, acridine orange and TRITC auramine, rhodamine B200 and propidium iodide. Used in the diagnosis of diseases, biochemistry, neurology, molecular biology, genetics, microbiology and research.

EYEPIECES

WF 10X/22 mm.

HEAD

Trinocular Siedentopf type, 45° inclined, 360° rotatable.

NOSEPIECE

Quadruple

OBJECTIVES

Infinity corrected achromatic optics, 4X, 10X, 20X, 40X (S).

STAGE

Two-Layer mechanical stage, 5.90" x 5.19".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Kohler halogen 12V/30W with field diaphragm lamp and epi-fluorescence using 100W mercury vapor with variable intensity control.

POWER SUPPLY

AC, 110-240V, 50/60 Hz.



VE-403

The Professional Inverted Microscope is ideal for the observation of cell cultures and has a wide stage for placing containers such as culture bottles, petri dishes or microplates. The VE-403 includes accessories for phase contrast application and different stage adapters for a wide range of sample containers. It's the ideal device in biological research centers, as well as in production and quality control of biological products (vaccines, medicines, serums, antisera and reagents).

EYEPIECES

WF 10X/20 mm.

HEAD

Binocular Siedentopf type, 45° inclined, 360° rotatable.

NOSEPIECE

Quintuple

OBJECTIVES

Plan-achromatic optics, 4X, 10XPH, L20X PH Y L40X (S).

STAGE

Mechanical stage, 9.52" x 6.77".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Epi-Halogen, 12V,30W.

POWER SUPPLY

AC 110-240V, 50/60 Hz.



VE-407

The Inverted Metallographic Microscope is the ideal device for observing and/or measuring metal surfaces, crystals, circuit boards, powders and non-translucent materials. The VE-407 is ideal in materials science, quality control and industrial production procedures.

EYEPieces

WF 10X/22 mm.

HEAD

Trinocular Siendotopf type, 45° inclined, 360° rotatable.

NOSEPIECE

Quadruple

OBJETIVES

Plan-achromatic optics, 4X, 10X, 20X, 40X.

STAGE

Two-Layer mechanical stage, 9.52" x 6.77"

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Halogen 12V/30W with variable intensity control.

POWER SUPPLY

AC 110-240V, 50/60 Hz.



VE-065

The **Comparison Microscope** is the ideal microscope for the simultaneous comparison of samples. It has a double mount head adapted on two microscope bodies. Its third eyepiece allows you to document your observations with the help of a digital device (not included). The VE-065 is the ideal device for the comparison of samples such as fibers, hair, filaments, insects, pollen or spores.

EYEPIECES

WF 10X/20 mm.

HEAD

Trinocular Siedentopf type, 30° inclined, 360° rotatable.

NOSEPIECE

Quadruple.

OBJECTIVES

Achromatic optics, 4X, 10X, 20X, 40X (S).

STAGE

Two-Layer mechanical stage, 5.11" x 5.11".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

Three 1.2V AA rechargeable batteries (included) for 4 hours of continuous operation. AC 110-240V, 50/60 Hz.



VE-148P

The Professional Polarized Light Microscope is ideal for observation of crystalline or fibrous materials and the identification and study of mineral textures. It offers observations with 3 types of polarized lighting (conoscopic, simple and orthogonal) and has a rotating circular stage with a scale divided by 360 °.

EYEPIECES

WF 10X/20 mm.

HEAD

Binocular Siedentopf type, 45° inclined, 360° rotatable.

NOSEPIECE

Quintuple

OBJETIVES

Achromatic optics, 4X, 10X, 25X, 40X y 63X (S).

STAGE

Circular mechanical stage, 6.69" diameter.

CONDENSER

Abbe, N.A. 1.3 oscillation.

DIAPHRAM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Kohler halogen 12V/30W with variable intensity control and field diaphragm in the lamp.

POWER SUPPLY

Corriente Alterna, 110-240V, 50/60 Hz.





VELAB™
PRIME

50 SERIES

VELAB's 50 series of PRIME microscopes offer an ergonomic design and excellent performance with high-quality, long-lasting materials.

The 50 series is distinguished by its innovative, compact designs and easy operation, which combines a practical and an excellent optical system. The 50 series is ideal for work centers that require excellent performance in a demanding environment.



40x/0.10
160x/0.17

160x/0.17

CE



VE-A50



The **Binocular Biological Microscope** VE-A50 is the ideal microscope for users who want compact devices with excellent performance and optical quality. The VE-A50 is equipped with achromatic optics for observations that don't require much detail. Designed for long hours of work, its LED lighting allows for extensive observation periods without harming the user's eyes and its robust, ergonomically designed stand makes the VE-A50 the ideal device for demanding laboratory environments. Its long-lasting LED lighting and the diopter adjustment in one of its eyepieces compensates for the difference in focus that is natural in the user's eyes.

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/18 mm with diopter adjustment(± 5 mm) in one eyepiece.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" - 2.95".

NOSEPIECE

Quadruple nosepiece with anti-slip ring and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Achromatic optics, 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19.

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.002 mm precision.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



VE-B50



The **Binocular Biological Microscope** VE-B50 is the ideal microscope for users who need of a compact device with excellent performance and optical quality. The VE-B50 is equipped with plan-achromatic optics, ideal for excellent resolution observations. Designed for long hours of work, its LED lighting allows for extensive observation periods without harming the user's eyes and its robust, ergonomically designed stand makes the VE-B50 the ideal device for demanding laboratory environments. Its long-lasting LED lighting and the diopter adjustment in one of its eyepieces compensates for the difference in focus that is natural in the user's eyes

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/18 mm with diopter adjustment (± 5 mm) in one eyepiece.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95"

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.002 mm precision.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



VE-D50



The **Digital Microscope** VE-D50 is the digital version in the 50 series. This model is equipped with a 3 MP digital camera and offers a simple-to-use software that's Windows compatible. The software allows the user to edit, store, and observe images in real time, ideal for users who want a digital option with excellent performance and optical quality.

The VE-D50 is equipped with plan-achromatic optics, ideal for excellent resolution observations. Its long-lasting LED lighting and the diopter adjustment in one of its eyepieces compensates for the difference in focus that is natural in the user's eyes.

ACCESORIES INCLUDED

- Power cord.
- Software CD.
- Dust cover.
- USB Cable.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/18 mm with diopter adjustment (± 5 mm) in one eyepiece.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95" and 3.0MP digital camera.

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.002 mm precision.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



VE-T50



The VE-T50 microscope comes equipped with a trinocular head that allows the user to integrate imaging devices. Ideal for users who need a compact device with excellent performance and optical quality.

The VE-T50 is equipped with plan-achromatic optics, ideal for excellent resolution observations.

Designed for long hours of work, its LED lighting allows for extensive observation periods without harming the user's eyes and its diopter adjustment in one of its eyepieces compensates for the difference in focus that is natural in the user's eyes

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL10X/18 mm with rubber eyecups and diopter adjustment (± 5 mm) in one eyepiece.

HEAD

Trinocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.002 mm precision.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



300 SERIES

VELAB has become a global brand of high-quality microscopes that offers products that adapt to the needs of its users.

Our 300 Series of **PRIME** microscopes add attractive, ergonomic designs with durable and resistant materials. VELAB's PRIME series includes infinity corrected plan-achromatic optics, with smooth movement stage and excellent high precision in the coarse and fine focus adjustment knobs.

VELAB includes elements on its PRIME series, which allow for a more pleasant experience, such as protective rubber eyecups and diopter adjustment in both eyepieces.

A feature that stands out on the PRIME microscope lineup is its versatile design that allows for multiple configurations and provides greater productivity and durability.

We invite you to discover the options VELAB has to offer you.





VE-B300

The **Binocular Biological Microscope** VE-B300 microscope is the ideal choice for demanding laboratory environments. Its robust, long-lasting stand it is equipped with wide-field PL eyepieces, and plan-achromatic optical system with infinite correction, which offers exceptional optical quality. The VE-300 is equipped with LED lighting that can be regulated to the user's comfort.

The VE-B300's attractive design is equipped with a convenient handle for easy transportation of the device. Its large stage and fine focusing system offer comfort and security when working with this device. The VE-300 comes with protective rubber eyecups, diopter adjustment in both eyepieces and a precise revolver to give the user the greatest possible comfort when using his microscope.

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/20 mm with rubber eyecups and diopter adjustment (± 5 mm) in both eyepieces.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25. Equipped with an adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.001 mm precision, 200 graduations per micrometer turn (0.2 mm) and tension adjustment.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-D300

The **Digital Microscope** VE-D300 is the digital version in the PRIME microscope series. This model is equipped with a 5 MP digital camera and offers a simple-to-use software that's Windows compatible. The software allows the user to edit, store, and observe images in real time.

Just like all other models in the PRIME series, the robust, long-lasting stand on the VE-D300 is built to last.

The VE-D300 is equipped with wide-field PL eyepieces, and plan-achromatic optical system with infinite correction, which offers exceptional optical quality.

The VE-D300 is also equipped with LED lighting that can easily be regulated to the user's comfort.

ACCESORIES INCLUDED

- Power cord.
- USB Cable.
- Dust cover.
- Software CD.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/20 mm with rubber eyecups and diopter adjustment (± 5 mm) in both eyepieces.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95" with a 5.0MP digital camera.

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25. Equipped with an adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.001 mm precision, 200 graduations per micrometer turn (0.2 mm) and tension adjustment.

ILLUMINATION

Kohler LED with field diaphragm in the lamp.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-F300

The **Fluorescence Microscope** VE-F300 includes an epi-fluorescence LED module for immediate use. This model incorporates extremely safe technology for the user. The VE-F300 also offers high quality in an attractive and easy to use design. Its optic is designed for fluorescence and the rest of the elements that characterize the 300 series. The ease in which the VE-F300 is operated, make it the ideal device for research centers, or specialized laboratories

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.
- AC/DC Adapter.

EYEPIECES

PL 10X/120 mm with rubber eyecups and diopter adjustment (± 5 mm) in both eyepieces.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95" and fluorescence illuminator adapter with bright field position.

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 10X, 20X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25. Equipped with an adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.001 mm precision, 200 graduations per micrometer turn (0.2 mm) and tension adjustment.

ILLUMINATION

Kohler LED with field diaphragm in the lamp and epifluorescence LED.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-PH300

The **Phase Contrast Microscope** VE-PH300 is fully adaptable to work with phase contrast and bright field.

The VE-PH300 is ideal for one of the most frequent applications in microscopy, whether for teaching or for research laboratories. It includes all the features that make the PRIME series the ideal device in a laboratory environment. The VE-PH300 microscope is fully adapted to work with phase contrast and bright field. The VE-PH300 is ideal for one of the most frequent applications in microscopy, whether for teaching or for research laboratories. It's equipped with wide-field PL eyepieces, and plan-achromatic optical system with infinite correction, diopter adjustment, double-plate stage with smooth movement, as well as a high-precision macro and micrometric screw, making it the ideal microscope for all needs in microscopy.

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/120 mm with rubber eyecups and diopter adjustment (± 5 mm) in both eyepieces.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95"..

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 10X, 20X, 40X (S) and 100X (oil) for phase contrast.

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25. with groove for lamellas placement for phase contrast; (10X/40X and 20X/100X) and a third option for bright-field in both.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.001 mm precision, 200 graduations per micrometer turn (0.2 mm) and tension adjustment.

ILLUMINATION

Kohler LED with field diaphragm in the lamp.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-T300

The **Trinocular Microscope** VE-T300 is the ideal unit for digital devices for image and video documentation.

Its robust, long-lasting stand is equipped with wide-field PL eyepieces, and infinity corrected plan-achromatic optics, which offers exceptional optical quality. The VE-T300 is equipped with LED lighting that can easily be regulated to the user's comfort.

The VE-T300's attractive design is equipped with a convenient handle for easy transportation of the device.

Its large stage and fine focusing system offers comfort and security when working with this device. The VE-T300 comes with rubber eyecups, diopter adjustment in both eyepieces and a precise revolver to give the user the greatest possible comfort when using his microscope.

ACCESORIES INCLUDED

- Power cord.
- Dust cover.
- Operation manual.
- Immersion oil.

EYEPIECES

PL 10X/120 mm with rubber eyecups and diopter adjustment (± 5 mm) in both eyepieces.

HEAD

Trinocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25. Equipped with an adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.001 mm precision, 200 graduations per micrometer turn (0.2 mm) and tension adjustment.

ILLUMINATION

Kohler LED with field diaphragm in the lamp.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



VE-B400



The **Binocular Biological Microscope** VE-B400 professional binocular biological microscope is equipped with an inward facing quintuple revolver, which facilitates access and change of the objectives.

The VE-B400 is distinguished by its excellent image quality and long lasting, 6V/30W halogen lighting system that allows clear and bright observation of images under each magnification.

This microscope was designed with the user's comfort in mind. Its stage control screw, macro/micrometric screws, are placed in the right position so the user can access them comfortably while using the device.

The VE-B400's rigid "Y" structure gives it stability and robustness. It includes an Allen-key support on the upper left side of the units and a design that allows optional configurations for applications such as simple polarization, darkfield, etc.

The VE-B400 is the ideal microscope for use in clinical diagnosis, higher education, research and industry.

ACCESORIES INCLUDED

Power cord.	Dust Cover
Light balance filter (LBD)	Allen Key
Operation manual.	Immersion oil.

EYEPIECES

PL10X/22 mm with rubber eyecups and diopter adjustment (± 5 mm) in one eyepiece.

HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quintuple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics, 4X, 10X, 20X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 6.88" x 5.70"

CONDENSER

Abbe, N.A. 1.25. Equipped with an adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

Kohler LED lighth.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-300PAD

The **Digital Microscope with Integrate Tablet** VE-300PAD is one of VELAB's most innovative microscopes that offers an exceptional working experience. The VE-300PAD incorporates high-quality optics and a 10" Tablet that allows image transmission through Wi-Fi, Bluetooth, HDMI, USB/mini USB, as well as an integrated 5 MP digital camera. Its infinity corrected plan-achromatic optics delivers excellent results in any work environment.

ACCESORIES INCLUDED

- | | |
|---------------|------------------|
| Power Cord | USB Cable |
| HDMI Cable | Dust cover |
| Immersion Oil | Operation manual |
| Software CD | |

MICROSCOPE

EYEPIECES

PL 10X/18 mm with rubber eyecups and ± 5 mm diopter adjustment in one eyepiece.

HEAD

Trinocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

OBJECTIVES

Infinity corrected plan-achromatic optics. 4X, 10X, 40X (S) and 100X (oil).

STAGE

Two-Layer mechanical stage, X-Y coaxial movement, 5.51" x 5.19".

CONDENSER

Abbe, N.A. 1.25.

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine focus adjustment, 0.002 mm precision and tension adjustment.

ILLUMINATION

Transmitted LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.

TABLET

SCREEN

10.1" touch screen, 1280 x 800p resolution.

STORAGE

12 GB internal and 16 GB of maximum external support for SD memory card.

INTERFACE

USB, mini USB and HDMI.

OPERATING SYSTEM

Android 5.1.1.

CONNECTIVITY

Wi-Fi and bluetooth.

APPLICATIONS

VELAB camera microscopy software for image editing.

CAMERA

TOTAL PIXELS

4.0MP

IMAGE SENSOR

1/3" CMOS.

RESOLUTION

2688 x 1520p and 1920 x 1080p.

WHITE BALANCE

Automatic and Manual

RECORDING SYSTEM

Image and Video.





VE-41

The **Trinocular Inverted Microscope** VE-41 inverted microscope in the PRIME series is designed to meet special needs in laboratories and research centers where they work with cell cultures. The VE-41 has infinity corrected plan-achromatic optics. THE VE-41 is ideal for long-working periods. One of its objectives is also suitable for use with a phase contrast system. The VE-41 comes equipped with a large stage, allowing for the placement of any size culture boxes. The integration of an image and video devices is also possible, thanks to its trinocular head.

The VE-41 microscope comes with an energy efficient system, thanks to the LED lighting and auto off feature, which is activated if the unit is not used in prolonged periods of time.

ACCESORIES INCLUDED

- | | |
|--|--------------------------------------|
| Power cord. | Allen key (2) |
| Operation manual. | Dust cover. |
| 4X, 10X, 20X, 40X lamella or phase contrast. | Mechanical stage. |
| Metallic central stage. | Transparent glass for central stage. |
| Support for 35mm petri dishes. | Stage extension. |
| Telescope focusing eyepiece. | |

EYEPIECES

PL 10X/22 mm with rubber eyecups and ± 5 mm diopter adjustment in both eyepiece.

HEAD

Trinocular Siedentopf type, 45° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" – 2.95".

NOSEPIECE

Quintuple nosepiece with anti-slip grip and click-stops..

OBJECTIVES

Infinity corrected plan-achromatic optics, 4X, 10X, 20XPH y 40X (S).

STAGE

Fixed stage, 9.84" x 8.46" removable mechanical stage and able to expand the stage

CONDENSER

N.A. 0.3 long working distance.

DIAPHRAGM

Iris.

FOCUSING

Coarse and fine focus adjustment.

ILLUMINATION

LED light.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.





VE-153G

The **Stereoscope with LCD Display** VE-153G digital stereoscope is equipped with varying magnification system up to 50 times and is the ideal microscope for test documentation, inspection and analysis in product assembly, as well as for research observation of biological samples and dissection in education. The VE-153G comes with a 10" high-definition touch screen and includes image editing software. In addition to its innovative features, robust design and high-end finishes, the VE-153G digital microscope offers HDMI and USB connectivity, making it an excellent choice for multi-user work environments.

ACCESORIES INCLUDED

- USB Cable.
- HDMI Cable.
- Power cord.

HEAD

Fixed with a 9" LCD screen (1280 x 800p resolution), with integrated 5.0MP digital camera, SD card slot, Mini USB and HDMI ports.

OBJECTIVES

Zoom System, 0.75X, 1X, 2X, 3X, 4X and 4.5X (from 7.5 to 45 total increases)

FOCUSING

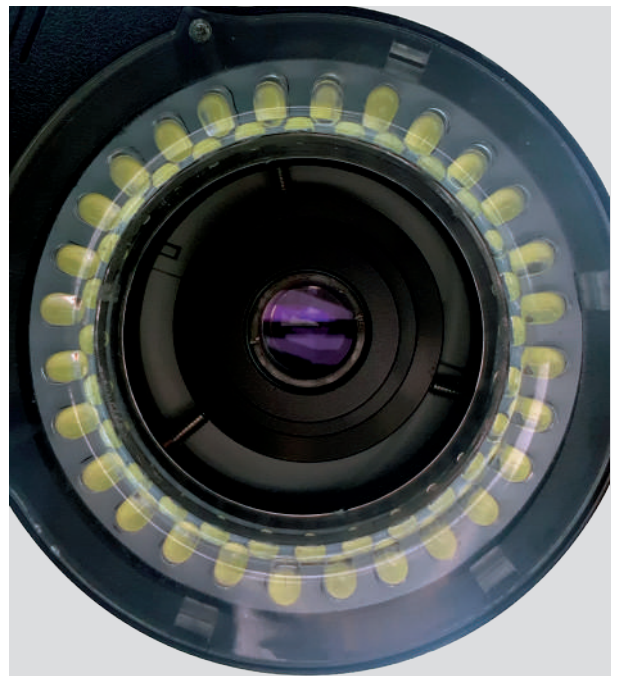
Coarse focus adjustment.

ILLUMINATION

LED light ring.

POWER SUPPLY

110-240, 50/60 Hz, AC Adapter.



VE-SCOPEPAD300

The **Microscope Tablet** has a high resolution and user-friendly operation, it provides an ideal teaching, research and industrial inspection display. The VE- SCOPEPAD 300 device consists of a 5 MPX digital camera coupled to a 10.1" touch screen.

Includes Android OS and VELAB's camera software for editing and storing screenshots, as well as signaling tools such as lines and circles.

ACCESORIES INCLUDED

- HDMI Cable
- USB Cable
- 16Gb SD memory card
- AC/DC adapter.
- Software CD.



TABLET

SCREEN

10.1" touch screen, 1280 x 800p resolution.

STORAGE

12 GB internal and 16 GB of maximum external support for SD memory card.

INTERFACE

USB, mini USB and HDMI.

OPERATING SYSTEM

Android 5.1.1.

CONNECTIVITY

Wi-Fi and bluetooth.

APPLICATIONS

VELAB camera microscopy software for image editing.

CAMERA

TOTAL PIXELS

4.0MP

IMAGE SENSOR

1/3" CMOS.

RESOLUTION

2688 x 1520p and 1920 x 1080p.

WHITE BALANCE

Automatic and Manual

RECORDING SYSTEM

Image and Video.



ACCESORIES

FOR MICROSCOPES



VE-MC2

Digital Camera for Microscopes

TOTAL PIXELS: 3MP.

IMAGE SENSOR: 1/3" CMOS

RESOLUTION: 640 x 480p

WHITE BALANCE: Automatic.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V Via Cable.



VE-MC3

Digital Camera for Microscopes

TOTAL PIXELS: 5MP.

IMAGE SENSOR: 1/2" CMOS

RESOLUTION: 640 x 480p, 1024 x 768p, 2048 x 1536p, 2530 x 1978p

WHITE BALANCE: Automatic.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V Via Cable.



VE-MC5

Digital Camera for Microscopes

PIXELES TOTALES: 5MP.

IMAGE SENSOR: 1/2" CMOS

RESOLUTION: 640 x 480p, 1024 x 768p, 2048 x 1536p, 2530 x 1978p

WHITE BALANCE: Automatic.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V Via Cable.

VE-LX1000



Digital Camera for Microscopes

TOTAL PIXELS: 10MP.

IMAGE SENSOR: 1/2.3" CMOS

RESOLUTION: 896 x 648p, 1972p x 1374p, 3584p x 2748p

WHITE BALANCE: ROI White Balance / Manual Temp Tint Adjustment / NA for Monochromatic Sensor.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V via Cable.

VE-LX1400



Digital Camera for Microscopes

TOTAL PIXELS: 14MP.

IMAGE SENSOR: 1/2.3" CMOS

RESOLUTION: 1024 x 8222p, 2048 x 1644p, 4096 x 3288p

WHITE BALANCE: ROI White Balance / Manual Temp Tint Adjustment / NA for Monochromatic Sensor.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: CD 5V Via Cable.

VE-LX1800



Digital Camera for Microscopes

TOTAL PIXELS: 18MP.

IMAGE SENSOR: 1/2.3" CMOS

RESOLUTION: 1228 x 922p, 2456 x 1842p, 4912 x 3684p.

WHITE BALANCE: ROI White Balance / Manual Temp Tint Adjustment / NA for Monochromatic Sensor.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V Via Cable.



WUCAM0720PA

Digital Camera for Microscopes

TOTAL PIXELS: 2MP.

IMAGE SENSOR: 1/2" CMOS

RESOLUTION: 1280 x 728p.

WHITE BALANCE: ROI White Balance / Manual Temp Tint Adjustment
/ NA for Monochromatic Sensor.

INTERFACE: USB 2.0

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and video.

POWER SUPPLY: DC 5V Via Cable.

VE-MC200

MAGNIFICACIONES: 20X, 40X.

FOCUSING: Fine focus adjustment. (Working distance 0.19").

ILLUMINATION: LED ring.

TOTAL PIXELS: 2MP.

CAMERA SENSOR: 1/3.2" CMOS

RESOLUTION: 1600 x 1200p.

INTERFACE: USB 2.0.

WHITE BALANCE: ERS or manual.

OPERATIVE SYSTEM: Windows, iOS and Linux.

RECORDING SYSTEM: Image and Video.

POWER SUPPLY: DC 5 V Via USB cable.

ACCESORIES INCLUDED: CD Software.



VE-SCOPEPAD

Microscope tablet with digital camera



CPU RK3036 núcleo dual 1.5 Hz.
Screen: Táctil de 9.7" con resolución de 1024 x 768 pixeles.
Storage: 2GB DDR RAM with 32 GB maximum external support for SD memory card.
Conectivity: Wi Fi and bluetooth.
Interface: USB, mini USB and HDMI
Operative system: Android 4.2
Applications: IMS Camera: edition and measurement.
IMS Camera: particle counting.
Power Supply: 110-240, 50/60 Hz.

Camera

Total pixels: 5.0 MP
Image sensor: 1/2.5" CMOS
Resolution: 2592 x 1944p.
White balance: Automatic / manual
Recording system: Image and video.

VE-SCOPEPAD-B

Microscope tablet with digital camera



CPU RK3036 dual core 1.5 Hz.
Screen: LCD Táctil 9.7", con resolución de 1024 x 768 pixeles.
Storage: 2 GB DDR RAM y soporte externo para memoria SD con capacidad máxima de 32 GB
Conectivity: Wi Fi y bluetooth.
Interface: USB, mini USB y HDMI
Sistema operativo: Android 4.2
Applications: IMS camera: Edición y medición y conteo de partículas
Power Supply: CA 120V, 50/60 Hz.

Camera

Total Pixels: 5.0 MP
Image sensor: 1/2.5" CMOS
Resolution: 2592 x 1944p.
White balance: Automatic / manual
Recording System: Image and video.

CENTRIFUGES



PRO-12K - Mini Desktop Centrifuge

Speed range: 1000 - 12,000 RPM.
RFC: 6900 xg.
Rotor Capacity:
 Rotor #1: 6 x 0.2/0.5/1.5/2ml.
 Rotor #2: 2 x 8 x 0.2ml.
 Rotor #3: 4 x 3ml/5ml.
 Rotor #4: 12 x hematocrito 30mm/40mm.
Power Supply: CA 110V, 60 Hz.
Accesories Included:
 6 adapters for 0.5ml.
 6 adapters for 0.2ml.
 Power Cord.



PRO-3S - Mini Desktop Centrifuge

Speed Range: 800 - 15,000 RPM
RFC: 15,100 g.
Rotor Capacity: 12 tubes x 1.5/2ml.
Power Supply: 110V, 60 Hz y 220V/50Hz.
Accesories Included:
 Adapters:
 12 adapters for 0.2ml.
 12 adapters for 0.5ml.
 Rotor L-2106.
 Power Cord.



PRO-12 HIGH - Mini Desktop Centrifuge

Speed Range: 4,000 RPM, 6,000 RPM
 10,000 RPM
RFC:
 900 xg
 2000 xg
 5000 xg
Rotor Capacity: Rotor #1: 6x 0.2/0.5/1.5/2 ml
 Rotor #2: 2 x 8 x 0.2 ml
Power Supply: 110V, 60 Hz y 220V/50Hz.
Accesories includes:
 6 adapters for 0.5ml
 6 adapters for 0.2ml.



PRO-12M - Clinical Centrifuge

Speed Range: 100 - 4000 RPM
RFC: 10 - 1780 xg
Rotor Capacity:
 8 tubos de 10 ml / 15 ml (tipo Vacutainer)
Power Supplu: CA 110-240 V 50/60 Hz
Accesories Included:
 12 adapters for 1.5ml/2ml
 12 adapters for 2ml/3ml/4ml.
 12 adapters for 5ml/6ml/7ml.



PRO-24H - Hematocrit

Speed Range: 1500 - 12,000 RPM
RFC: 13684 g.
Rotor Capacity:
 Rotor C-11000 de ángulo fijo para 24 tubos para hematocrito de 75mm.
Power Supply: Doble voltaje, 110V/60Hz y 220V/50Hz.
Accesories Included:
 Circular hematocrit reader
 Adapter CA/CD. 110-240 V



PRO-COMBO - Clinical Centrifuge

Speed Range: 300 - 12,000 RPM
RFC: 13,684 g
Rotor Capacity:
 Rotor C-12000, 6 x 1.5/2ml/3ml/4ml/5ml/6ml/7 ml/10ml/15ml.
 Rotor C-10000, 12 x 0.5ml + 12 x 1.5ml/2ml + 4 x 8 x 0.2ml
 Rotor C-15000, 4 x 1.5/2ml/3ml/4ml/5ml/6ml/7 ml/10ml/15ml/50ml.
 Rotor C-11000, 24 x hematocrit 75mm.
Power Supply: Doble voltaje, 110V/60Hz y 220V/50Hz.
Accesories Include:
 6 adapters for 1.5ml/2ml
 6 adapters for 2ml/3ml/4ml.
 6 adapters for 5ml/6ml/7ml
 4 adapters for 10ml/15ml.
 Adapter CA/CD.
 Spanish Key
 Allen Key
 Rotor adjustment screw.
 Adapter CA/CD. 110-240



VE-4000PLUS - Low Speed Centrifuge

Speed Range: 0 - 4,000 RPM
RFC: 2860 xg
Rotor Capacity:
 4 tubes x 100 ml
 24 tubes x 10 ml
Power Supplu: CA 110-240 V 50/60 Hz
Accesories Included:
 Adapter CA/CD. 110-240 V



VE-4000 - Digital table top centrifuge

Speed Range: 100 - 4000 RPM
RFC: 10 - 1780 xg
Rotor Capacity:
 8 tubes de 10 ml / 15 ml (Vacutainer)
Power Supply: CA 110-240 V 50/60 Hz
Accesories Included:
 Adapter CA/CD. 110-240 V



DIGITAL SCALE
VE-20
Capacity: 20Kg.
Readability: 5g.

BALANCES

AND SCALES



**ANALYTICAL BALANCE
VE-204**

Capacity: 220g.
Readability: 0.1 mg.



**PRECISION BALANCE
VE-500**

Capacity: 500g.
Readability: 0.001 mg.



**ANALYTICAL BALANCE
VE-204B**

Capacity: 220g.
Readability: 0.1 mg.



**PRECISION BALANCE
VE-1000**

Capacity: 1000g.
Readability: 0.01 mg.



**ANALYTICAL BALANCE
VE-210**

Capacity: 210g.
Readability: 0.1 mg.



**PRECISION BALANCE
VE-5000**

Capacity: 5100g.
Readability: 0.1 mg.



**PRECISION BALANCE
VE-303H**

Capacity: 300g.
Readability: 0.001 mg.



**PRECISION BALANCE
VE-300**

Capacity: 300g.
Readability: 0.001 mg.



**PRECISION BALANCE
VE-503H**

Capacity: 500g.
Readability: 0.001 mg.



**PRECISION BALANCE
VE-5003**

Capacity: 500g.
Readability: 0.001 mg.



**PRECISION BALANCE
VE-5002H**

Capacity: 5000g.
Readability: 0.01 mg.



**PLATFORM SCALE
VE-3K1**

Capacity: 500g.
Readability: 0.001 mg.



**PRECISION BALANCE
VE-5001H**

Capacity: 5000g.
Readability: 0.1 mg.



**PLATFORM SCALE
VE-6K2**

Capacity: 6 Kg.
Readability: 0.001 mg

VE-15K5
Capacity: 15 Kg.
Readability: 0.001 mg.

VE-30K10
Capacity: 30g.
Readability: 10 Kg.

SPECTROPHOTOMETERS



Visible spectrophotometer

VE-5000V

Wavelength range: 325 – 1000 nm
Wavelength calibration: 4nm
Screen: LED (4 bits).
Light source: Lámpara de Tungsteno
Power Supply: 110-240V, 50/60 Hz



UV-visible spectrophotometer

VE-5100UV

Wavelength range: 190 – 1100 nm
Wavelength calibration: Automática
Screen: LCD
Light source: Lámpara de Deuterio y Tungsteno
Power Supply: 110-240V, 50/60 Hz
Data output: USB port, port for the printer.



UV-visible spectrophotometer

VE-5600UV

Wavelength range: 190-1100 nm
Wavelength calibration: Automática
Screen: LCD
Light source: Lámpara de Deuterio y Tungsteno
Power Supply: 110-240V, 50/60 Hz
Data output: USB port, port for the printer.



UV-visible spectrophotometer

VE-5600UV PC

Wavelength range: 190-1100 nm
Wavelength calibration: Automática
Screen: LCD
Light source: Lámpara de Deuterio y Tungsteno
Power Supply: 110-240V, 50/60 Hz
Data output: USB port, port for the printer.
Software included.



UV-visible spectrophotometer

VE-6000T

Wavelength range: 190-1100 nm
Wavelength calibration: Automática
Screen: Táctil de 7"
Light source: Lámpara de Deuterio y Tungsteno
Power Supply: 110-240V, 50/60 Hz
Data output: USB port, port for the printer.



UV-visible spectrophotometer

VE-8000A

Wavelength range: 190-1100 nm.
Wavelength calibration: Automática
Screen: LCD ideal para gráficar.
Light source: Lámpara de Deuterio y Tungsteno
Power Supply: 110-240V, 50/60 Hz
Data output: USB port, port for the printer.

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