



Inspired Solutions
For Your Laboratory

Ceti began producing the highest quality in microscopes back in the 1970s. Medline Scientific acquired the business in 2004 and continues to design and manufacture the Ceti range to the same high standards.



Medline has many years of professional sales and service experience in all aspects of microscopy and specimen preparation (complemented by an extensive range of consumables). We supply and stock a wide range of biological light microscopes, inverted and stereo microscopes plus quality accessories such as cameras for photo-microscopy and dedicated image analysis solutions.

The Ceti portfolio satisfies the professional and amateur microscopist in educational establishments, medical, industry and research institutes. All products are manufactured under ISO 9001:2015 procedures and are CE marked. A one year guarantee is provided with each microscope but extended warranties and support contracts are also available through Medline Service Contracts.

The Ceti microscope range includes monocular, binocular and trinocular configurations to suit most typical applications and requirements. These microscopes use brightfield, phase contrast, darkfield, polarisation or fluorescent light techniques and are Supplied with optics ranging from Achromatic to Infinity Corrected Planachromatic objectives, depending on the model. All Ceti microscopes are manufactured to the highest specification demanded by the relevant application. The following are just some of our more popular microscope ranges.

The Max, Magnum and the new Vulcan Upright Biological Compound Microscopes are used for observing thin, transparent, slide mounted specimens under magnifications typically ranging from 40X to 1000X. Typical specimens suitable for observation using this type of microscope are histology sections, thin sections of plant material, transparent parts

of organisms such as insects, blood, cytological specimens, crystals and emulsions – although this is not an exhaustive list.

The Versus - TC and Vertex Inverted Microscopes are used for observing materials, cells and organisms in culture and in flasks, petri dishes, microtitre plates and roller bottles. They are equipped with brightfield and, most usually, phase contrast capabilities so that unstained transparent tissue can be observed more clearly. These smaller, lower cost models are often referred to as Tissue Culture Microscopes as they tend to be sited in tissue culture suites.

The Steddy and Varizoom Stereo Microscopes, also known as dissecting microscopes, use low power magnification to examine specimens that are not thin and are 'lumpy' such as insects, plants, geological specimens, fossils, industrial parts, coins, archaeological artefacts, pond life, invertebrates, zoological specimens, embryos, forensic samples, textiles etc.

In addition to the above microscopes, Medline Scientific offers a range of affordable digital microscope cameras from that include convenient features such as in-built and attachable screens to save bench space, WiFi and HDMI outputs and high speed USB 3.0 connections. Every camera comes complete with its own capture and image analysis software package.

Medline Scientific is proud to be partnered with Olympus, which enables us to offer an even wider range of microscopes, and Photometrics, allowing us to offer high specification cameras for applications that require such models with, for example, extremely high quantum efficiency.

Cameras

Ceti Digi-Pad

5MP Microscope Tablet Camera is specially designed for microscopy applications. It comes with a high-definition, 9.7" colour LCD screen and is equipped with software that allows the user to preview an image, set the white balance, capture images and videos as well as having measurement and annotation capabilities. The Ceti Digi-Pad has an integral C-Mount fitting, which can be connected to any microscope with a corresponding C-Mount or eyepiece adaptor.

Code
9556.5600M

Description
Ceti Digi-Pad digital tablet camera with analysis software - Android

CPU	CPU RK3066 dual-core 1.5Hz
Display	9.7 inch (1024 x 768) colour LCD touch screen
Storage	External SD memory card - up to 32GB
	ROM 2GB
	RAM 1GB DDR3
Camera	15fps at 1024 x 768
	1/2.5 (4:3) 5MP CMOS
Network	Wi-Fi
	Bluetooth
Input / Output	HDMI Output
	On/Off Button
	DC5V Power
	SD Memory Slot
	USB/Mini-USB (OTG) supports USB keyboard and mouse
Mechanical	LCD screen 360° horizontal/90° vertical
Operating Software	Android 4.2 RAM 2GB
Software	Built-in microscopy software



Microscopes

Ceti WFHD5C

All-in-one (HDMI+Wi-Fi+SD card) C-mount camera with high sensitivity CMOS sensor, simultaneous HDMI & WiFi output, built-in mouse control and built-in image capture and video recording to SD card. When using the optional 11.6" monitor there is a built-in toolbar including zoom, mirror, comparison and freeze functions. For use with a device other than the monitor, PC, Linux and Mac IOS software is included.

This multiple interface microscope camera utilises an ultra-high performance Sony CMOS sensor as the image capture device. HDMI and WiFi are used as the data transfer interface to an HDMI display or computer/laptop, with USB connection also available to a PC.

If an HDMI connection is used, the included USB mouse can be used to control the camera, browse and compare the captured image, play video and playback images.

For WiFi output, unplug the mouse and plug in the USB WiFi adapter and connect your device's WiFi to the camera. Then the image stream can be transferred to the device via the advanced software (included). With this software, you can control the camera and process the image as required.

The camera body, made from tough, aluminium alloy, ensures a heavy duty, workhorse solution. The camera is equipped with a high quality IR-CUT filter to protect the camera sensor.

Code	Description
9558.0005	Ceti WFHD5C Microscope Camera with SD card

Ceti WFHD5M

HD monitor features a Panasonic IPS LCD (Super TFT) to guarantee a wide viewing angle and high resolution. The LCD panel has true 1080P resolution, a high contrast ratio (up to 1000:1), LED backlight with 50,000 hours long life time and an 11.6" active area.

Code	Description
9556.5800M	Ceti 11.6" HD Monitor for WFHD5C HDMI/WiFi Camera



Ceti D6.3

6.3 megapixel, C-Mount microscope camera is a USB 3.0 device that utilises an ultra-high performance SONY Exmor CMOS sensor as the image capture device.

The included 12-bit software has processing controls for demosaic adjustments, automatic exposure, gain adjustment, one click white balance, chrominance adjustment, saturation adjustment, gamma correction, luminance adjustment and contrast adjustment.

The camera is designed for high quality image and video capture in brightfield microscopy applications. It will also cope well with medium to high signal fluorescence applications.

Code
9558.0063

Description
Ceti D6.3 6.3MP Digital Microscope Camera with capture software

Ceti D18

18 megapixel, C-Mount microscope camera is a USB 3.0 device that utilises an ultra-high performance Aptina CMOS sensor as the image capture device.

It comes with advanced video and image processing software, allowing capture and output on Windows, Linux and Mac OSX platforms. Video can be captured at 1080P resolution at up to 30 fps.

The included 12-bit software has processing controls for demosaic adjustments, automatic exposure, gain adjustment, one click white balance, chrominance adjustment, saturation adjustment, gamma correction, luminance adjustment and contrast adjustment.

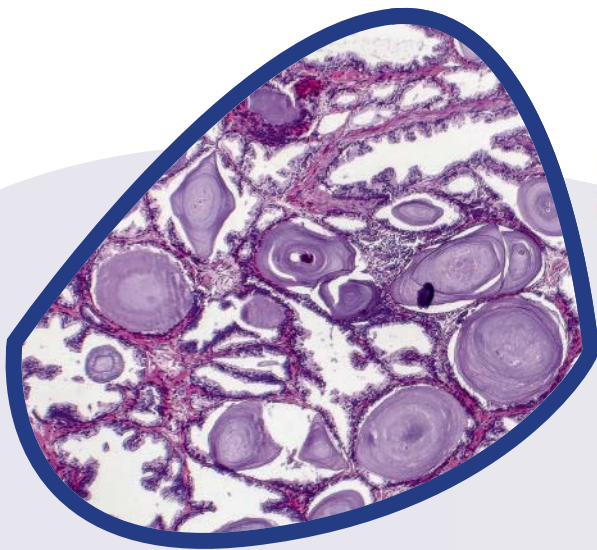
The camera is designed for use with brightfield applications and is ideal if high resolution, large-scale prints (such as presentation posters) are required.

Code
9558.0018

Description
Ceti D18 18MP Digital Microscope Camera with capture software



Compound Microscopes



Ceti Max III

The Max III series microscopes are Ceti's best value-for-money upright biological microscopes and bridge the gap between low cost student models and the more expensive research microscopes. They are ideal for teaching in colleges and universities, although they do not have to be used exclusively in teaching laboratories! However, the newly designed cord storage facility and carrying handle make the Max III absolutely perfect for use in these labs.

They are very popular in industry, veterinary laboratories and effluent treatment plants as well as education, giving outstanding image quality. The Max III is supplied with high clarity objectives.

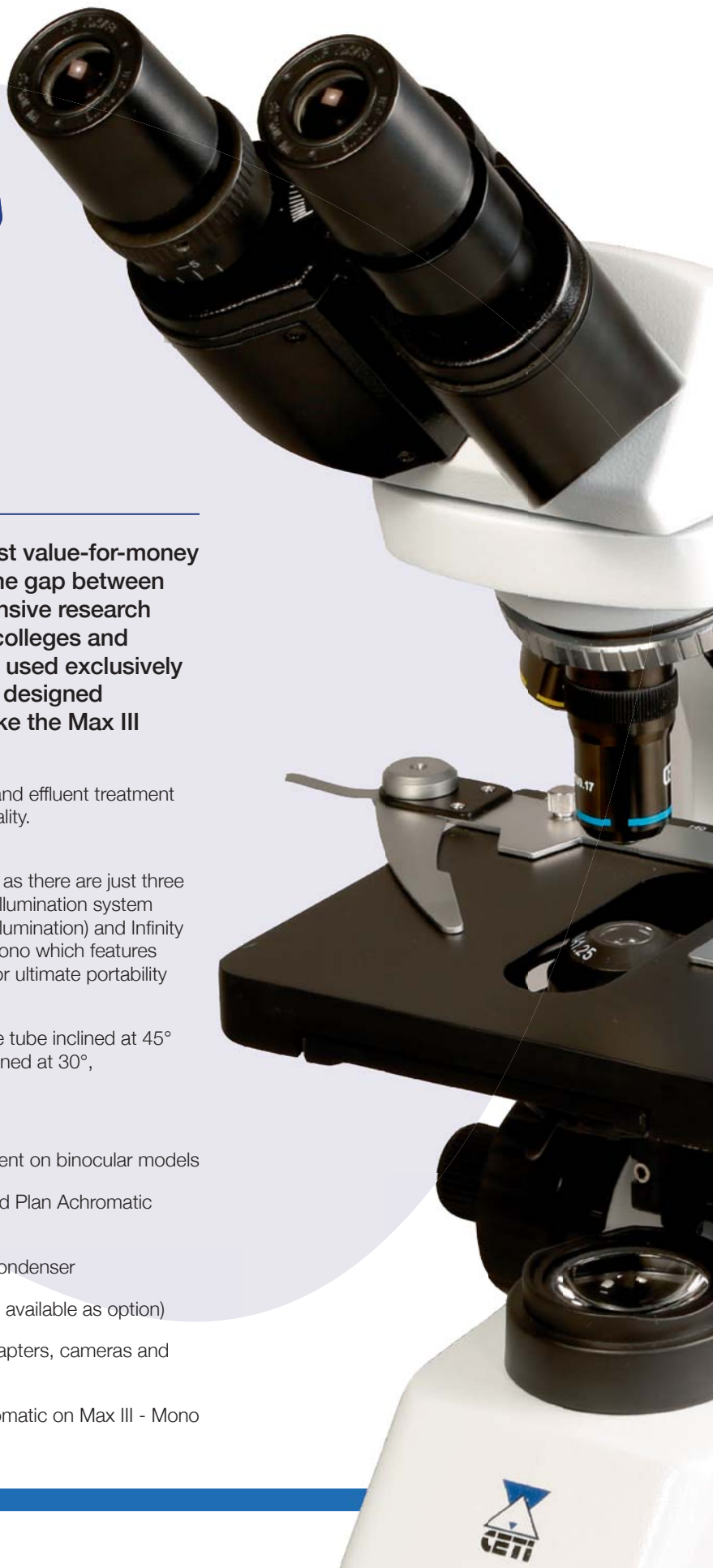
Selection of the best model for your requirements is easy as there are just three models to choose from, all featuring a powerful 3W LED illumination system (although they all are alternatively available with halogen illumination) and Infinity Corrected Plan Achromatic objectives (except Max III - Mono which features achromatic objectives). A mirror attachment is available for ultimate portability where power is not available.

The Monocular and Binocular models feature an eyepiece tube inclined at 45° whilst the Trinocular model is more ergonomic, being inclined at 30°, and includes a photo port.

Features:

- Widefield 10X, FN18 eyepieces with dioptre adjustment on binocular models
- Quadruple, reversed nosepiece with Infinity Corrected Plan Achromatic objectives*
- Mechanical stage, coaxial coarse/fine focus, Abbe condenser
- White LED illumination with intensity control (halogen available as option)
- Range of accessories including eyepiece camera adapters, cameras and storage case

* Achromatic on Max III - Mono

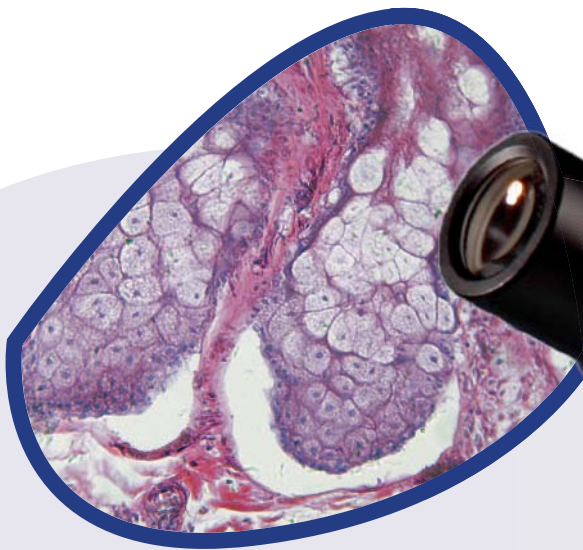




Model	Max III-Mono	Max III-Bino	Max III-Trino
Optical Head	Monocular, inclined at 45°	Binocular, inclined at 45°	Trinocular with photo port, inclined at 30°
	Interpupillary Distance Adjustment (Siedentopf type): 47 to 78mm		
	-	Dioptre adjustment on one eyepiece	
Eyepieces	10x/18mm widefield	10x/18mm widefield (pointer in one eyepiece)	
Nosepiece	Quadruple reversed, revolving with click stop		
Objectives	4x, 10x, 40x Achromatic	4x, 10x, 40x, 100x Infinity Corrected Plan Achromatic	
Condenser	Brightfield Abbe NA 1.25 – precentred, focusable		
	Iris diaphragm and filter holder		
Stage	160 x 140mm with built-in mechanical stage and slide holder		
	75 x 50mm movement, Vernier scale		
Focusing Knobs	Coaxial coarse and fine with stop		
Mains Power	220 – 240V/50 – 60Hz		
Illumination	LED 3W with intensity control (halogen also available)		
Supplied with	Immersion oil (5ml), blue filter, dust cover, power cord with unique ‘self-store’ system and instruction manual		

Code	Description
1203.1003	Max III Monocular Compound Microscope (4x, 10x, 40x Achromatic)
1203.2006	Max III Binocular Compound Microscope (4x, 10x, 40x, 100x Infinity Corrected)
1203.3006	Max III Trinocular Compound Microscope (4x, 10x, 40x, 100x Infinity Corrected Plan Achromatic)

Compound Microscopes



Ceti Magnum Compound Microscopes for Brightfield Use

The Magnum series of microscopes are Ceti's most popular, economically priced, biological upright microscope. Providing excellent quality images via the widefield FN20mm eyepieces, these microscopes include four Infinity Corrected Plan Achromatic objectives in the reversed quintuple nosepiece.

Magnum microscopes feature a robust, T-shaped base, designed to offer maximum stability. Modern, ergonomic features, such as a 30° inclined eyepiece tube, ensure a comfortable viewing position over a prolonged period.

Three models are equipped for Brightfield use – binocular, trinocular (for those users that wish to add a camera) and a rechargeable version that can be used in the field or in regions where power supplies are interrupted. All three feature a bright, white LED light source with intensity control.

Features:

- Sturdy base for comfortable viewing over long periods
- Widefield 10X, FN20 eyepieces with dioptre adjustment
- Quintuple, reversed nosepiece with four Infinity Corrected Plan Achromatic objectives
- Wide range of accessories
- Bright, white LED illumination with intensity control
- Full Köhler illumination

Note that alternative models are available with halogen illumination and binocular eyepiece tubes if required.





Model	Magnum-B	Magnum-T	Magnum-TR
	Binocular, inclined at 30°	Trinocular with photo port, inclined at 30°	
Optical Head	Interpupillary Distance Adjustment (Siedentopf type): 55 to 75mm		
	Dioptre adjustment on one eyepiece		
Eyepieces	10x/20mm widefield		
Objectives	4x, 10x, 40x, 100x Infinity Corrected Plan Achromatic		
Condenser	Pre-condenser with field diaphragm		
	Iris diaphragm		
Stage	210 x 140mm with built-in mechanical stage and slide holder		
	90 x 60mm movement, Vernier scale		
Focusing Knobs	Coaxial coarse and fine with stop		
	Tension adjustment ring		
Mains Power	220 – 240V/50 – 60Hz		
Illumination	3W LED with intensity control		Rechargeable 3W LED with intensity control
Supplied with	Blue and green filter, 2 spare fuses, immersion oil (10ml), soft rubber eyecups, dust cover and instruction manual		

Code

2629.0000M

Description

Magnum-B Binocular Compound Microscope
with LED illumination

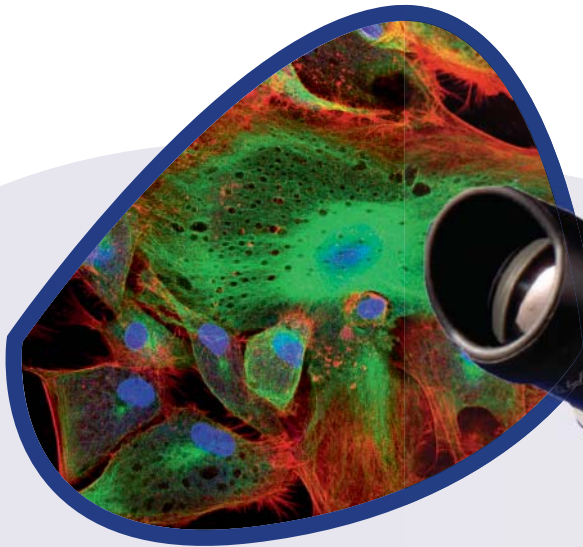
2729.0000M

Magnum-T Trinocular Compound Microscope
with LED illumination

2721.7000M

Magnum-TR Trinocular Compound Microscope
with LED illumination, rechargeable

Compound Microscopes



Ceti Magnum - Variants

Ceti Magnum Compound Microscopes for Phase Contrast, Polarisation or Epi-Fluorescence

The Magnum series of microscopes are Ceti's most popular, economically priced, biological upright microscope. Providing excellent quality images via the widefield FN20mm eyepieces, these microscopes include four Infinity Corrected Plan Achromatic objectives in the reversed quintuple nosepiece.

Magnum microscopes feature a robust, T-shaped base, designed to offer maximum stability. Modern, ergonomic features, such as a 30° inclined eyepiece tube, ensure a comfortable viewing position over a prolonged period.

Three trinocular Magnum models feature different contrasting techniques – Phase Contrast, Polarisation and Epi-Fluorescence. All three can also be used in Brightfield mode so they are extremely flexible. Bright, white LED transmitted lighting, with intensity control, is featured in all three models with the Epi-Fluorescence model also including an LED light source for fluorescence excitation (instead of an expensive, difficult to dispose of, challenging to centre and energy inefficient mercury vapour lamp).

Features:

- Sturdy base for comfortable viewing over long periods
- Widefield 10X, FN20 eyepieces with dioptre adjustment
- Quintuple, reversed nosepiece with four Infinity Corrected Plan Achromatic objectives
- Trinocular eyepiece tube as standard to accept digital microscope cameras
- Bright, white LED illumination with intensity control
- Full Köhler illumination





Model	Magnum-POL	Magnum-PH	Magnum-FL
Optical Head	Trinocular with photo port, inclined at 30°		
	Interpupillary Distance Adjustment (Siedentopf type): 55 to 75mm		
	Dioptre adjustment on one eyepiece		
	Analyser	-	
Eyepieces	10x/20mm widefield		
Objectives	4x, 10x, 40x, 60x Infinity Corrected Plan Achromatic	10x, 20x, 40x, 100x oil Phase Contrast Infinity Corrected Plan Achromatic	4x, 10x, 40x, 100x Infinity Corrected Plan Achromatic
Condenser	Pre-condenser with field diaphragm and polariser	Pre-condenser with field diaphragm	
	-	Phase contrast turret – NA 1.25	Brightfield Abbe – NA 1.25
	Focusable and centrable, iris diaphragm		
Stage	Round, centerable with scale and two stage clips	210 x 140mm with built-in mechanical stage and slide holder	
	-	90 x 60mm movement, Vernier scale	
Focusing Knobs	Coaxial coarse and fine with stop		
	Tension adjustment ring		
Mains Power	220 – 240V/50 – 60Hz		
Illumination, Transmitted	3W LED with intensity control		
Illumination, Reflected	-		3.6W LED with intensity control
Supplied with	Blue and green filter, 2 spare fuses, immersion oil (10ml), soft rubber eyecups, dust cover and instruction manual		

Code

2753.0000M

Description

Magnum-POL Trinocular Compound Microscope with Polarisation

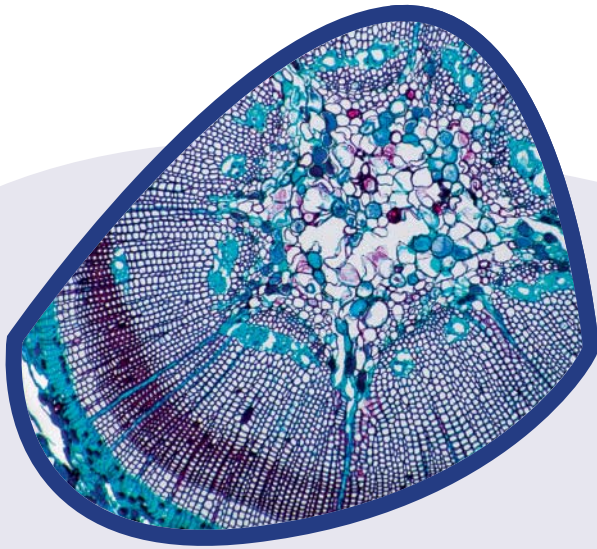
2738.0000M

Magnum-PH Trinocular Compound Microscope with Phase Contrast

2777.0000M

Magnum-FL Trinocular Compound Microscope with Fluorescence

Compound Microscopes



Ceti Vulcan

After years of research and development the Vulcan motorised biological microscope is designed to allow users to enjoy safe, comfortable and superb quality observations of their specimens.

The intensity of illumination for each objective can be adjusted and the intelligent AIS (Automatic Illumination System) automatically recalls that intensity with the relevant objective. This averts the possibility of uncomfortable over-bright illumination. With the handy ECO function the transmitted light turns off automatically after 30 minutes of non-use. This not only saves energy, but also prolongs the life of the long-life LED even further.

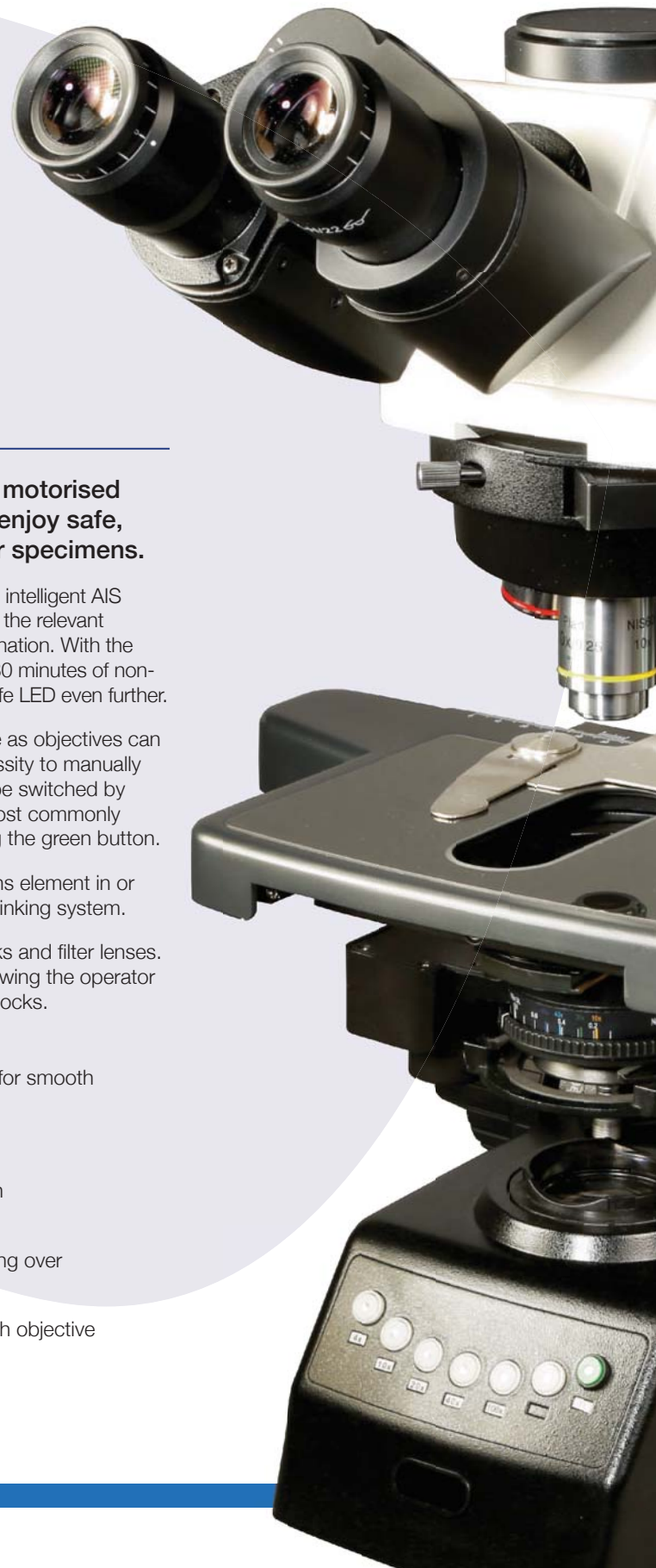
The motorised nosepiece adds to the ergonomics of the microscope as objectives can be selected via buttons on the front of the stand, removing the necessity to manually rotate the nosepiece - with the Remote Control Pad objectives can be switched by simply pressing the buttons. Users can also self-define two of the most commonly used objectives and swap between these two objectives by pressing the green button.

The motorised swing-out condenser automatically swings the top lens element in or out according to the objective lens that is selected via the intelligent linking system.

The optional epi-fluorescence system features high quality filter blocks and filter lenses. 6 filter blocks can be fitted into the epi-fluorescence attachment, allowing the operator to view different fluorophores without the necessity to change filter blocks.

Features:

- Mechanical stage with low X/Y controls and Gorilla Glass insert for smooth operation
- Super widefield 10X, FN22 eyepieces for maximum field of view
- Quintuple, reversed nosepiece with five Infinity Corrected N-Plan Achromatic objectives
- Ergonomic, tilting trinocular eyepiece tube for comfortable viewing over long periods
- Automatic Illumination System with auto intensity control on each objective
- Full Köhler illumination and a wide range of accessories





Model	Vulcan 9300
Optical Head	Ergonomic Tilting Trinocular with photo port, adjustable from 0° to 35°
	3-Position beam splitter; 0:100, 100:0, 80:20
	Interpupillary Distance Adjustment: 47 to 78mm
	Dioptre adjustment on both eyepieces
Eyepieces	10x/22mm, super widefield
Nosepiece	Motorised with remote switching pad on base
	Nosepiece rotating buttons behind focus knobs
Objectives	4x, 10x, 20x, 40x, 100x oil Infinity Corrected N-Plan Achromatic
Condenser	Pre-condenser with field diaphragm
	Motorised Abbe - NA 1.25 with automatic swing-out when 4x objective is selected
	Focusable and centrabale, iris diaphragm
Stage	Double layer mechanical stage, 190 x 152mm with Gorilla Glass insert and slide holder
	78 x 32mm movement, Vernier scale
Focusing Knobs	Low position coaxial coarse and fine with stop
	Fine focus knobs can be swapped
	Tension control
Mains Power	220 – 240V/50 – 60Hz
Illumination	3W S-LED with Fly-lens, intensity control and Automatic Illumination System (AIS)
	ECO function switches illumination off after 30 minutes non-use
Supplied with	Power cord, microscope oil and cover

Code
3200.9300LED

Description
Vulcan 9300 Automatic
Compound Microscope

Compound Microscopes

CX43 Biological Upright Microscope

The Olympus CX43 microscope enables users to remain comfortable during long periods of routine microscopy observations. The microscope frame conforms to the user's hands and the location of the control knobs maximise ergonomics to improve work efficiency.

Users can quickly set a specimen with one hand, while adjusting the focus and operating the stage with the other hand with minimal movement. The microscope also features an optional camera port for digital imaging.

The CX43 can be equipped to handle a range of techniques, including phase contrast, darkfield and simple epi-fluorescence.

Model	CX43
Optical Head	Trinocular, angled at 30°
	Interpupillary Distance Adjustment: 48 to 75mm
	Dioptre adjustment on both eyepieces
Eyepieces	10x/20mm, widefield
Nosepiece	Quintuple nosepiece, reversed
Objectives	4x, 10x, 20x, 40x, 100x oil Phase Contrast
Condenser	Pre-condenser without field diaphragm
	Abbe Condenser, NA 1.25
	7-Position Turret Condenser
	Focusable and centrable, iris diaphragm
Stage	Wire movement mechanical stage, 211 x 154mm with slide holder
	76 x 52mm movement, Vernier scale
Focusing Knobs	Coaxial coarse and fine with stop
	Tension control on coarse focus
Mains Power	100 – 240V/50 – 60Hz
Illumination	2.4W LED with intensity control
Supplied with	Power cord, microscope oil and cover

Code

OLYK23009321

Description

Olympus CX43 Trinocular Upright Microscope with 4x Brightfield and Phase Contrast and Darkfield on 10x, 20x, 40x and 100x (oil)



Inverted Microscopes

CKX53 Inverted Microscope

Inverted microscopes from Olympus represent the perfect solution for cell culture in which a variety of cells are grown under controlled conditions thanks to its easy and quick operation combined with excellent optical performance, optimal working distances and various contrast methods. With a slim and compact design, centring free phase contrast and optional fluorescence capability, all kinds of live cells checks can be easily and quickly performed.

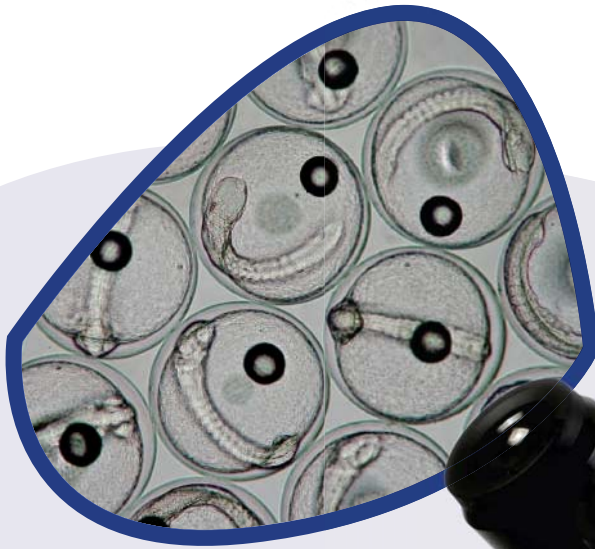
The CKX53 has been designed from the ground up to be the best microscope available for routine inverted microscopic analysis. The combination of excellent optical performance and mechanical quality results in a microscope system of outstanding value and comfort for regular use. Features such as the pre-centred phase contrast and inversion contrast (IVC) enable users to design their own system, to match their application, with ease.

Code	Description
OLYK23009073	Olympus CKX53 Trinocular Inverted Microscope, Integrated Phase Contrast

Model	CKX53
Optical Head	Trinocular with photo port, angled at 45°, 100:0, 0:100 split
	Interpupillary Distance Adjustment: 48 to 75mm
	Dioptre adjustment on both eyepieces
Eyepieces	10x/22mm, super widefield
Nosepiece	Quintuple nosepiece with click stop
Objectives	4x, 10x, 20x and 40x LWD Phase Contrast
Condenser	Abbe Condenser, NA 1.25
	Inversion Contrast
	Pre-centred phase slider with single phase ring for 4x, 10x, 20x, and 40x plus two BF positions
	Iris diaphragm
Stage	Plain stage, 252 x 200mm, with exchangeable transparent plate
	Mechanical stage, 180 x 70mm with microplate holder
	110 x 74mm movement, Vernier scale
Focusing Knobs	Coaxial coarse and fine with stop
	Tension control on coarse focus
Mains Power	100 – 240V/50 – 60Hz
Illumination	4W LED with intensity control
Supplied with	Power cord and cover



Inverted Microscopes



Versus-TC LED

The Ceti Versus-TC LED is a robust tissue culture microscope, equipped with three phase contrast objectives as well as a 4x brightfield objective that is useful for visualising a larger field of view. The phase slider is fitted with centrable phase rings plus an open position for brightfield viewing.

The Versus-TC LED also features a trinocular head with a camera port to accept a wide variety of cameras, a pair of 10x super widefield (FN22) eyepieces, a quintuple position nosepiece with convenient click stop so you know that the selected objective is aligned correctly, infinity corrected, long working distance plan achromatic optics (4x brightfield plus 10, 20 and 40x phase contrast/brightfield), a large mechanical stage equipped with a range of Petri dish and culture flask holders, ergonomic coaxial coarse and fine focus and a bright white, adjustable intensity, 3W LED light.

Features:

- Compact, sturdy base for many years of use
- Super widefield 10X, FN22 eyepieces with dioptre adjustment for a wide field of view
- Quintuple, reversed nosepiece with four LWD Plan Achromatic objectives
- Eyepiece tube with photo port to accept digital microscope cameras
- Bright, white LED illumination with intensity control
- Phase contrast condenser with centrable phase rings



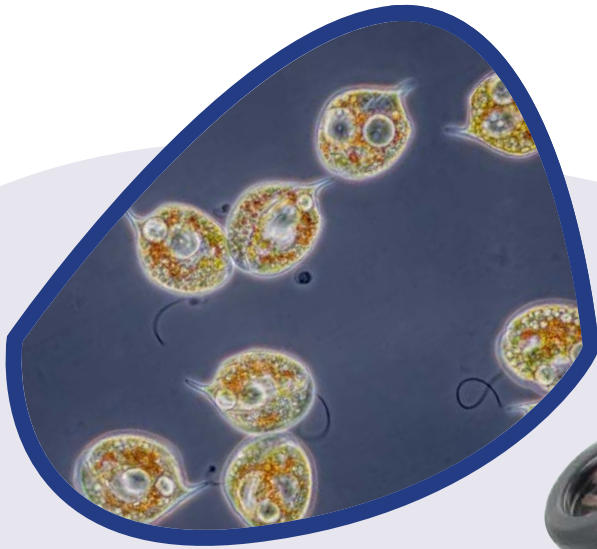


Model	Versus-TC LED
Optical Head	Trinocular with photo port, inclined at 45°
	Interpupillary Distance Adjustment (Siedentopf type): 48 to 75mm
	Dioptr adjustment on both eyepiece tubes
Eyepieces	10x/22mm widefield, centering telescope
Nosepiece	Quintuple, reversed, revolving with click stop
Objectives	4x, 10x, 20x, 40x Phase Contrast Plan Achromatic LWD
Condenser	Phase contrast condenser with adjustable centering and brightfield position
	Working Distance 70mm
	Focusable and centrable, iris diaphragm
Stage	300 x 170mm with additional mechanical stage
	75 x 132mm movement, Vernier scale
Focusing Knobs	Coaxial coarse and fine with stop
	Tension adjustment ring
Mains Power	220 – 240V/50 – 60Hz
Illumination	3W LED with intensity control
Supplied with	Blue and green filters, 2 spare fuses, immersion oil (10ml), Allen key, dust cover and instruction manual

Code
3660.4000M

Description
Versus-TC LED Trinocular Inverted Microscope with Integrated Phase Contrast

Inverted Microscopes



Ceti Vertex Pro

This substantial, superbly engineered microscope has been specially developed to produce exceptionally high quality, high contrast phase contrast and brightfield images of your specimens.

The controls are ergonomically positioned and the large stage, with its range of standard accessories, allows you to observe almost all classes of specimens on the microscope.

The Ceti Vertex-R LED features 3W S-LED illumination and Phase Contrast as standard but can also be configured with Hoffman Modulation Contrast (HMC) or 3D Emboss Contrast, both of which can be used with glass or plastic dishes to increase specimen contrast. This makes the Vertex-R LED suitable for advanced research applications. The included mechanical stage can be fitted with a variety of holders for Petri dishes, slides and well plates and the condenser can be removed to allow the stage to accept larger flasks or cell factories.

An optional photo port is available, along with 1x and 0.5x C-Mount relay lenses. The Ceti Vertex-FL LED has the same features as the Vertex-R LED but is additionally equipped with an epi-fluorescence attachment. This can be configured with up to 3 filter blocks.

Features:

- Large base to ensure stability whilst viewing flasks, slides and dishes
- Super widefield 10X, FN22 eyepieces with dioptre adjustment for a wide field of view
- Quintuple, reversed nosepiece with four LWD Infinity Corrected Plan Achromatic objectives
- Eyepiece tube with side mounted photo port to accept digital microscope cameras
- Bright, white LED transmitted illumination with intensity control
- Phase Contrast, Emboss (3D) Contrast, Hoffman Modulation Contrast and Epi-Fluorescence options





Model	Vertex-PH	Vertex-FL
Optical Head	Binocular, inclined at 45°	
	Interpupillary Distance Adjustment (Siedentopf Type): 48 to 75mm	
	Dioptre adjustment on both eyepieces	
	Side mounted camera port (100/0 : 0/100)	
Eyepieces	10x/22mm super widefield	
Nosepiece	Quintuple, reversed, revolving with click stop	
Objectives	4x, 10x, 20x, 40x Phase Contrast Infinity Corrected Plan Achromatic	4x, 10x, 20x, 40x Infinity Corrected Plan Achromatic
Condenser	N.A 0.3, W.D 75mm, without condenser W.D 187mm	
Phase System	Condenser with 4x Phase Annular Plate 10x, 20x, 40x Universal Annular Phase Plate	
Hoffman Phase	Hoffman condenser and 10x, 20x 40x objectives	
Relief 3D Contrast	Emboss Contrast 10x, 20x, 40x Universal Emboss Contrast Slider	
Epi-Fluorescence	-	Filter cubes with noise terminator mechanism with up to 3 Epi-fluorescence filter cubes and attachable contrast shield
Stage	170 x 250mm	
	With separate attachable mechanical stage (129 x 80mm)	
Focusing Knobs	Coaxial coarse and fine with stop	
	Tension adjustment ring	
Mains Power	220 – 240V/50 – 60Hz	
Illumination Transmitted	3W LED with intensity control	
Illumination Reflected	-	3.6W LED with intensity control with built in Fly-eye lens (Blue / Green / UV Fluorescent LED units)
Supplied with	Blue and green filter, 2 spare fuses, immersion oil (10ml), soft rubber eyecups, dust cover and instruction manual	

Code

3990.4000M

3900.5000M

Description

Vertex-PH LED Trinocular Inverted Microscope

Vertex-FL LED Trinocular Inverted Microscope
with fluorescence

Stereo Microscopes



Ceti Steddy

The Steddy series of stereo microscopes are Ceti's most popular zoom microscopes. They provide high quality, wide field of view images, a wide zoom range and are highly robust and extremely well built, suitable for the most demanding uses. Each microscope in the range features a convenient 0.65X-4.5x zoom ratio and a pair of 10X super wide-field (FN22) eyepieces, giving a total magnification range of 6.5 to 45x. The optical quality is extremely good giving a bright, crisp 3D image of the specimen.

Two different base shapes are offered, each with dual LED illumination, and there is a choice of binocular and trinocular heads. The trinocular version includes a photo port to allow the connection of a digital camera to capture images or videos. Alternatively, the Steddy is also available with an integrated 3 Megapixel camera which includes software for PC or Mac.

The Ceti Steddy range is our most versatile stereo zoom microscope and is an excellent, professional grade instrument choice for industry, hobbyists, researchers and educational establishments.

Features:

- Broad or "diamond" base depending on the model
- Super widefield 10X, FN22 eyepieces for maximum field of view
- Wide magnification zoom range of 3.35x to 180x
- All models feature a trinocular head with photo port or a built-in 3MP digital camera
- Dual LED illumination

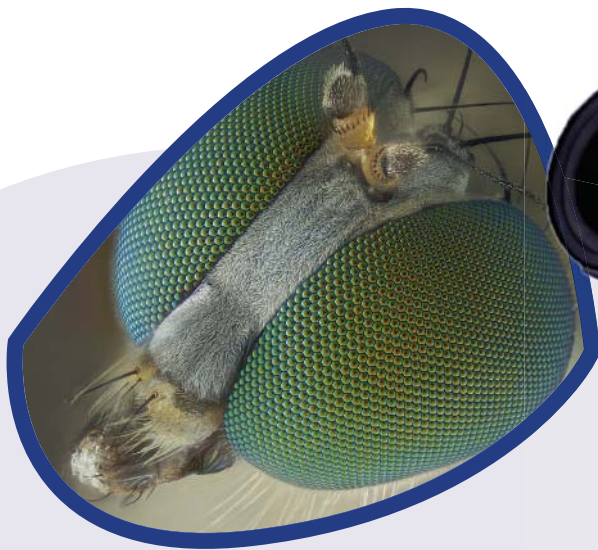




Model	Steddy-BR	Steddy-T	Steddy-D
Optical Head	Trinocular, inclined at 45° with photo port		Trinocular, inclined at 45° with integrated 3MP digital camera
	Interpupillary Distance Adjustment (Siedentopf Type): 55 to 75mm		
	Dioptre adjustment on both eyepiece tubes		
Eyepieces	10x/22mm super widefield		
Magnification	Zoom Ratio: 0.67 – 4.5x		
	Standard Magnification Range: 6.7 – 45x		
	Full Magnification Range (with optional lenses and eyepieces): 3.35 – 180x		
Working Distance	165mm		
Focusing Mount	Rectangular support with dual coarse focus knobs		
Stage	Broad base with 5W LED transmitted illumination	Diamond base with 5W LED illumination	
	2W LED reflected illumination, directional	8W LED ring light	
Focusing Knobs	Coaxial coarse with safety stop and tension adjustment		
Mains Power	220 – 240V/50 – 60Hz		
Supplied with	Two rubber eyecups, dust cover, instruction manual and blue filter		

Code	Description
7600.0000M	Ceti Steddy-BR Trinocular Stereo Microscope (Broad-Base)
7500.0000M	Ceti Steddy-T Trinocular Stereo Microscope (Diamond-Base)
7500.9000M	Ceti Steddy-D Trinocular Stereo Microscope (Diamond Base) with Integrated 3MP Camera

Stereo Microscopes



Varizoom

Ceti's Varizoom Binocular Stereo Microscopes are our highest specification stereoscopic zoom microscopes with a parallel zoom system utilising optics of the highest quality.

A sturdy, rectangular focussing mount enables stability whilst zooming and focussing and the broad stand provides a comfortable base when manipulating samples.

Integrated, directional episcopic LED lighting brightly illuminates the sample without the need for awkward goose neck light guides and the transmitted LED lighting provides cool lighting, especially important when working with biological or heat-sensitive samples. Separate intensity controls are located at the rear of the stand so they do not encroach into the working area.

Features:

- Broad, flat base for comfortable working
- Super widefield 10X, FN22 eyepieces for maximum field of view
- Wide magnification zoom range of 4x to 320x utilising parallel zoom optics
- Optional eyepieces and objectives to easily adjust the zoom magnification range
- Dual LED illumination with separate intensity controls



Model	Varizoom-6	Varizoom-8	Varizoom-10
Optical Head	Binocular, inclined at 20°		
	Interpupillary Distance Adjustment (Siedentopf Type): 55 to 75mm		
	Dioptre adjustment on both eyepiece tubes		
Eyepieces	10x/22mm super widefield		
Zoom Ratio	6:1	8:1	10:1
Magnification Range (Standard)	8x to 48x	8x to 64x	8x to 80x
Magnification Range (Total)	4x to 192x	4x to 256x	4x to 320x
Working Distance	78mm (with Plan Apo 1x/WF)		
Focusing Mount	Rectangular support with dual coarse and fine focussing knobs		
Stage	Frosted glass / Black and white contrast plate		
	2 slide clip holders		
Illumination	Directional epi-illumination, attached under the optical head, LED 5W		
	Fixed transmitted illumination, built into the base, LED 5W		
Mains Power	220 – 240V/50 – 60Hz		
Supplied with	Two rubber eyecups, dust cover, instruction manual and blue filter		

Code

7777.0006

7777.0008

7777.0000

Description

Ceti Varizoom-6 6:1 Stereoscopic Zoom Microscope

Ceti Varizoom-8 8:1 Stereoscopic Zoom Microscope

Ceti Varizoom-10 10:1 Stereoscopic Zoom Microscope

Medline Scientific is proud to be the sole UK distributor for the PreciPoint M8 and the new O8 digital microscope/scanners. PreciPoint have been designing and manufacturing high quality, brilliantly engineered products in Germany since 1982. The M8 was introduced in 2017 as a truly unique digital microscope and scanner. In 2018 PreciPoint unveiled the O8, similar in many ways to the M8 but dedicated to working with oil immersion objectives. Here are some key features of the M8 and O8...

- Whole Slide Scanning - Scan whole slides and selected regions of interest with air and oil objectives up to 100x in under 60 seconds.
- All-in-one device - The M8 and O8 serve both as a digital microscope and a scanner, thus offering completely new possibilities for your workflow
- Empower your application - The M8 and O8 are the perfect working tool for various demanding applications such as haematology or oncology research
- Live remote control - Control the M8 and O8 from anywhere at any time and simultaneously work with colleagues for second opinions

To arrange a demonstration in your laboratory please contact us and see how the PreciPoint M8 or O8 can speed up your productivity!



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