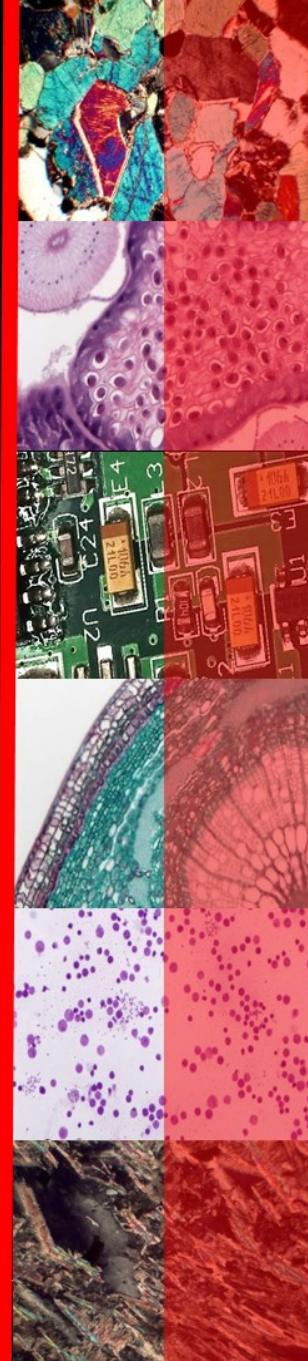


STEREO MICROSCOPES



GT
VISION



GXM microscopes

www.gtvision.co.uk

GX Microscopes, ultraZOOM, AV Series, iLUMos & GXCAM are GT Vision Brands

specifications may vary as products are continually developed

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Top quality products for everyone and every application

GX Microscopes is a popular brand of microscopes by GT Vision Ltd. This catalogue describes our range of stereo microscopes and accessories. We have one of the largest ranges of stereo microscopes including:

- Advanced, fine quality research instruments - see *ultraZOOM*-3 & 4
- Robust workhorses for industry, professionals, routine microscopy, teaching & hobbyists - see *ultraZOOM*-2
- Great value basic stereo zooms - see *ultraZOOM*-1
- Specialist microscopes for industry - see *ultraZOOM*-5&6 and also the ST50 series
- Gemsopes for gems, diamonds and jewellery
- Why not try something different for amazing images of insects and other natural subjects - consider a Gemscope; the lighting and darkfield images can produce some stunning images
- Competent, robust and simple starter microscopes - see the XTX series



a few definitions to help you....

Stereo microscopes, also known as dissecting and low power microscopes, are used to examine any specimen that is not mounted on a slide (although many slide mounted specimens can be observed). They are particularly useful for examining unprepared specimens that are not thin and are 'lumpy' such as insects, plants, geological specimens, fossils, industrial parts, pcbs, coins, archaeological artefacts, pond life, invertebrates, zoological specimens, embryos, forensic samples, textiles etc. Long working distance versions are ideal for working under.

You will find these different types of stereo microscopes in this catalogue:

- **Single Magnification Stereo Microscopes** - change magnification by changing objective cartridges and/or eyepieces (lowest cost microscopes)
- **Zoom Magnification Stereo Microscopes** - the most popular type of microscope where you change magnification using a zoom control knob
- **Long Reach Stereo Microscopes** - highly popular in industry & restoration for observing larger specimens or where a large, clear work area is required - see long reach microscopes below in all our ranges

Stereo microscopes always have two eyepieces, each eyepiece takes an image from its own objective (there are always 2 objectives). Each objective is positioned at an angle pointing at the subject. In this way a 3 dimensional image is perceived through the eyepieces, hence the term 'stereo'

W.D. = Working Distance. This is the distance from the end of the objective lens to the point on your subject that is in focus.

ultraZOOM Stereo Microscopes



ultraZOOM-1

great value, long working distance

ultraZOOM-2

ultra-long working distance, great optics

ultraZOOM-3

research grade HD optics and fluorescence option

ultraZOOM-4

parallel optics, research grade, modular, tilting ergo-head

ultraZOOM-6

axial view & simultaneous independent camera zoom

ultraZOOM-5

coaxial LED illumination

ultraZOOM microscopes are all zoom microscopes where the magnification can be continuously changed by turning the zoom knob.

The ultraZOOM range encompasses the vast majority of types of zoom stereo zoom microscopes commonly purchased. This range is part of the GX Microscopes range of products by GT Vision Ltd from our UK factory. In creating this range we strived to introduce as many novel features as possible, using the latest technology, best quality optics, high build & design standards and all with really great prices.

STEREO ZOOM HEAD

Each microscope comprises of a 'trinocular head' which includes 10X eyepieces and a camera port. The head includes all the zoom optics and fits into a 'focussing ring' on the microscope stand.

STEREO MICROSCOPE STANDS

GX Microscopes provide probably the largest range of stereo microscope stands (which can also be used with all other makes of microscopes) many of which have built-in illumination. See the stands section which includes our unique AV Series long reach stands.

STEREO MICROSCOPE ILLUMINATION

See our illumination section including fibre optic goosenecks, diffuse dome illuminators, polarised lighting and ringlights.



ultraZOOM microscopes are all 'CAMERA READY'. Specific emphasis has been placed on the design of top quality couplers for a wide range of camera types including all c-mount microscopy cameras and DSLR cameras



ultraZOOM 2 microscopes have special 'ULTRA-LONG WORKING DISTANCE' optics and models 1,2,3,4 & 6 can have low power 'auxiliary objectives' added to extend the working distance further - ideal for working under with tools and for viewing through test chamber windows



ultraZOOM 3,4,5 & 6 microscopes have special 'HD quality' coated optics for high performance imaging



ultraZOOM 3 microscopes provide a highly effective, low cost fluorescence upgrade option



ultraZOOM 4 microscopes include an ergonomic tilting head for strain-free use



ultraZOOM 4 microscopes have parallel, modular optics for enhanced performance imaging



ultraZOOM 5 microscopes incorporate a coaxial LED light ideal for surfaces & bores



ultraZOOM 6 microscopes have 'AXIAL VIEW' with observer & objectives on the same axis just like many surgical microscopes



ultraZOOM 6 microscopes incorporate 'SICZ' 'Simultaneous Independent Camera Zoom', a 3rd zoom objective is dedicated to the camera for optimum imaging performance

ultraZOOM-1

 Camera Port
  6.43:1 Zoom
  Long W.D.
  Great Value

 2 Yr Warranty
  Lifetime Warranty Option



UltraZOOM-1 with Dual LED Pillar Stand
Product no.: UZ1

- Amazing Value
- Great Image Quality
- Trinocular - Camera Ready
- Long Working Distance
- 7X-45X Expandable to 3.5X -225X
- Huge Choice of Stands
- Robust & Simple-to-Use

The UltraZOOM-1 is a routine grade stereo zoom microscope with good optical quality, flat field objectives, widefield eyepieces, a good zoom range and a huge choice of stands. The build quality is high with an all metal body and optical grade glass components.

The UltraZoom-1 has a magnification zoom range of 7X-45X, expandable to 3.5X-225X with options and is equipped with a camera port on the trinocular head as standard. for live image viewing capture and analysis.

- Amazing value for money
- Huge choice of stands - see below
- This is a versatile workhorse for almost any application.

This microscope is suitable for use for almost every task including entomology, PCB repairs, research, university teaching, industrial inspection and any dissection work.

UltraZOOM-1 Models (see also the stands, illumination and specifications sections)

Product ID	Description
UZ1-Head Only	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ1	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Stand
UZ1-GN	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Gooseneck and Transmitted Light LED Stand
UZ1-Mirror	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Mirror Base Stand (Requires Fibre Optic Light Source)
UZ1-XY	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Tall Track Stand with Integrated, Independently Focusable Mechanical XY Stage with Coarse & Fine Focus
UZ1-Boom	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ1-Boom GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ1-Articulated	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ1-Articulated GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ1-Articulated Table Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A02-50 Table Mount Long Reach Articulated Arm Stand
UZ1-Articulated Wall Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A03-50 Wall Mount Long Reach Articulated Arm Stand
OTHER	GX Microscopes Provide Numerous Other Stand and Illumination Options - see the stand and illumination sections



SPECIFICATIONS (see also the stands, illumination and specifications sections)



UltraZOOM-1 with Dual LED Pillar Stand plus a GXCAM HiChrome Camera

UltraZOOM-1 Boom ultraZOOM- 1 on a Long Reach Boom Arm Stand from our AV Stand Series

Parameter	Description	Product ID
Magnification (standard)	7X-45X Zoom Ratio 6.43:1	
Magnification (with options)	3.5X - 225X with optional auxiliary objectives and eyepieces	
Working Distance	100mm	
Working Distance (with options)	Up to 165mm with 0.5X auxiliary objective attached	
Objectives	Zoom Objectives 0.7X-4.5X included as standard	-
	0.5X WD 165mm Reduces zoom magnification range by 0.5X	UZ-1-OB05
	0.75X WD 105mm. Reduces zoom magnification range by 0.75X	UZ-1-OB75
Eyepieces	2X WD 30mm. Increases zoom magnification range by 2X	UZ-1-OB2
	Pair of 10X magnification - field number 22mm - CF Series included as standard	-
	Pair of 15X magnification - field number 16mm - CF Series	3676
	Pair of 20X magnification - field number 12mm - CF Series	3683
Eyepiece Tubes	Pair of 25X magnification - field number 11mm - CF Series	4987
	10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	3690
Zoom Control	30mm Inner Diameter. Interpupillary distance adjustment for comfortable ergonomic viewing 45°inclined	
Camera Port	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Camera Adapter	Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters. Camera port lever for the diversion of 100% of the light from one eyepiece tube to the camera port when pulled	
Head Body	0.5X Camera adapter for c-mount microscopy camera with 1/3 -1/2 in sensor	1000UZ1
Extras	Fits a 76mm internal diameter microscope holder. Includes a lip for holding an optional ring light. Includes internal thread for attaching optional auxiliary objectives	
OTHER	Includes dust cover & manual	
	<i>GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections</i>	

ultraZOOM-2

- 
 Camera Port
- 
 6.3:1 Zoom
- 
 Ultra-Long W.D.
- 
 HD Coated Optics
- 
 2 Yr Warranty
- 
 Lifetime Warranty Option



UltraZOOM-2 with Dual LED Track Stand
Product no.: UZ2

- HD Coated Optics
- Widefield Eyepieces
- Trinocular - Camera Ready
- Extraordinarily Long Working Distance
- 8X-50X Expandable to 4X -300X
- Huge Choice of Stands
- Robust & Simple-to-Use
- Modern, Stylish Design

The Ultra-Zoom-2 is a professional grade, stereo zoom microscope with high optical quality, an ultra-modern design and a build quality normally only found on much more expensive systems. This microscope benefits from high performance HD coated internal optics, flat field objectives, widefield eyepieces, a massive magnification range and a huge choice of stands. In particular the ultra-long working distance characteristic makes this microscope particularly useful for working under with tools. UltraZoom-2 has a magnification zoom range of 8X-50X expandable to 4X-300X with options and is equipped with a camera port on the trinocular head as standard for live image viewing capture and analysis.

- Amazing working distance
- Huge choice of stands - see below
- Ideal for working under

UltraZOOM-2 Models (see also the stands, illumination and specifications sections)

Product ID	Description
UZ2-H	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ1	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Stand
UZ2-H+0100	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Gooseneck and Transmitted Light LED Stand
UZ2-H+998	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Mirror Base Stand (Requires Fibre Optic Light Source)
UZ2-H+225601	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Tall Track Stand with Integrated, Independently Focusable Mechanical XY Stage with Coarse & Fine Focus
UZ2-H+A20-40-60-25-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ2-H+A30-40-60-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ2-H+A20-50-60-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ2-H+A30-50-60-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ2-H+AV02-50-60-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV02-50 Table Mount Long Reach Articulated Arm Stand
UZ2-H+AV03-50-60-76	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV03-50 Wall Mount Long Reach Articulated Arm Stand
OTHER	GX Microscopes Provide Numerous Other Stand and Illumination Options - see the stand and illumination sections



SPECIFICATIONS (see also the stands, illumination and specifications sections)



UltraZOOM-2
Auxiliary Objective

UltraZOOM-2 Dual
LED Track Stand

UltraZOOM-2
Camera Adapter

UltraZOOM-2
(UZ2-H+A20-50-60-76)
on a Long Reach Articulated
Arm Stand from our AV
Stand Series

Parameter	Description	Product ID
Magnification (standard)	8X-50X Zoom Ratio 6.3:1	
Magnification (with options)	4X - 300X with optional auxiliary objectives and eyepieces	
Working Distance	115mm	
Working Distance (with options)	211mm with 0.5X auxiliary objective attached	
Objectives	Zoom Objectives 0.8X-5X included as standard	-
	0.5X WD 211mm Reduces zoom magnification range by 0.5X	A5060
	0.7X WD 137mm. Reduces zoom magnification range by 0.7X	A5160
	2X WD 45mm. Increases zoom magnification range by 2X	A5260
Eyepieces	Pair of 10X magnification - field number 22mm - included as standard	-
	Pair of 15X magnification - field number 16mm	A6260
	Pair of 20X magnification - field number 12mm	A6160
	Pair of 25X magnification - field number 11mm	A6360
	Pair of 30X magnification - field number 9mm	A6460
	10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	A6060
Eyepiece Tubes	30mm Inner Diameter. Interpupillary distance adjustment for comfortable ergonomic viewing 45°inclined	
Zoom Control	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Camera Port	Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters. Camera port lever for the diversion of 100% of the light from one eyepiece tube to the camera port when pulled	
Camera Adapter	0.5X Camera adapter for c-mount microscopy camera with 1/3 -1/2 in sensor	A2060
Head Body	Fits a 76mm internal diameter microscope holder. Includes a lip for holding an optional ring light. Includes internal thread for attaching optional auxiliary objectives	
Extras	Includes dust cover & manual	
OTHER	GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections	

ultraZOOM-3



Simultaneous
Camera Port



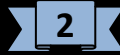
9:1 Zoom



Fluorescence



HD Coated Optics



2 Yr Warranty



Lifetime Warranty
Option



UltraZOOM-3 with Dual LED
Track Stand
Product no.: UZ3-Dual LED

- A Research Grade Instrument
- Fluorescence Option
- Advanced HD Coated Optics
- Super-Widefield Eyepieces
- Trinocular - Camera Ready
- 9:1 Advanced Zoom Ratio
- 7X-63X Expandable to 3.5X -351X
- Huge Choice of Stands
- Robust & Simple-to-Use
- Modern, Stylish Design

UltraZOOM-3 Models (see also the stands, illumination and specifications sections)

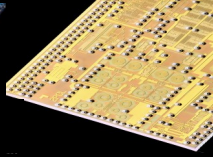
Product ID	Description
UZ3-Head Only	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ3-Dual LED	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Stand with Coarse & Fine Focus
UZ3-Fluor	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Stand, Fluorescence Ring Light & Filter
UZ3-Boom	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ3-Boom GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ3-Articulated	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ3-Articulated GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ3-Articulated Table Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV02-50 Table Mount Long Reach Articulated Arm Stand
UZ3-Articulated Wall Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV03-50 Wall Mount Long Reach Articulated Arm Stand
OTHER	GX Microscopes Provide Numerous Other Stand and Illumination Options - see the stand and illumination sections

The UltraZoom-3 is a research grade, stereo zoom microscope with high optical quality, flat field objectives, very widefield eyepieces, high quality output to camera, large zoom range instrument. The build quality is exceptional, being all metal with advanced HD coated optical components.

The UltraZoom-3 has a magnification zoom range of: 7X-63X, expandable to a massive 3.5X-351X with options and is equipped with an advanced simultaneous viewing camera port on the trinocular head as standard for live image viewing capture and analysis.

This microscope has an optional fluorescence imaging attachment making it a truly versatile workhorse for almost any application.

This stylish microscope is the very latest, modern design by GX Microscopes. It includes all the features you would expect to see from such an advanced design including simultaneous image output to both eyepieces and camera port. The UltraZoom-3 has superb quality coated optics which deliver a bright, crisp, high resolution image in beautiful 3D.



UltraZOOM-3 on a Dual LED Track Stand (coarse & fine focus) with Fluorescence Ring Light Attachment with Built-in Filter



UltraZOOM-3 DSLR Camera Attachment



iLUMos Ring Light Attachment

SPECIFICATIONS (see also the stands, illumination and specifications sections)

Parameter	Description	Product ID
Magnification (standard)	7X-63X Zoom Ratio 9:1	
Magnification (with options)	3.5X - 351X with optional auxiliary objectives and eyepieces	
Working Distance	110mm standard - with no additional objectives attached	
Working Distance (with options)	Up to 165mm with 0.5X auxiliary objective attached	
Objectives	Zoom Objectives 0.7X-6.3X included as standard	-
	0.5X WD 165mm Reduces zoom magnification range by 0.5X	UZ-3-OB05
	1.5X WD 60mm Increases zoom magnification range by 1.5X	UZ-3-OB15
	2X WD 45mm Increases zoom magnification range by 2X	UZ-3-OB2
Eyepieces	Pair of 10X magnification - field number 22mm - included as standard	-
	Pair of 15X magnification - field number 16mm	3676
	Pair of 20X magnification - field number 12mm	3683
	Pair of 25X magnification - field number 11mm	4987
	Pair of 30X magnification - field number 9mm	A6460
	10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	3690
Eyepiece Tubes	30mm Inner Diameter . Interpupillary distance adjustment for comfortable ergonomic viewing 45°inclined	
Zoom Control	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Camera Port	Simultaneous viewing to both eyepieces and phototube. Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters.	
Camera Adapters	Adjustable (for parfocality) 0.37X Camera adapter for c-mount microscopy camera with 1/3 in sensor	4291+AMA037
	Adjustable (for parfocality) 0.5X Camera adapter for c-mount microscopy camera with 1/2 in sensor	4291+0974
	0.7X Camera adapter for c-mount microscopy camera with 2/3 in sensor	4291+FMA075
	1X Camera adapter for c-mount microscopy camera with 1 in sensor	4918
Head Body	Fits a 88mm internal diameter microscope holder. Includes a lip for holding an optional ring light . Includes internal thread for attaching optional auxiliary objectives	
Extras	Includes dust cover & manual	
OTHER	GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections	

ultraZOOM-4



Camera Port



10:1 Zoom



Tilting Head



Parallel Optics



HD Coated



2Yr Warranty



Lifetime Option



UltraZOOM-4 with
Dual LED Track Stand
Product no.: UZ4

- A Research Grade Instrument
- Parallel Optics
- Modular Design
- Tilting Ergonomic Head
- Advanced HD Coated Optics
- Camera Port - Camera Ready
- 10:1 Advanced Zoom Ratio
- 8X-80X Expandable to 4X -240X
- Huge Choice of Stands

The UltraZoom-4 is our very latest modular, research grade, zoom stereo microscope with very high optical quality parallel optics and an outstanding 10:1 zoom ratio

CONVENIENT ZOOMING - Exceptional zoom ratio with a magnification zoom ratio of 10:1

BIG MAGNIFICATION RANGE - Expandable to 4X-240X with optional objectives and eyepieces

ERGONOMIC HEAD - The standard model is supplied with an ergonomic adjustable angle head

GREAT FOR IMAGING - Equipped with an advanced insertable photo-tube image switching module as standard for live image viewing capture and analysis.

QUALITY IMAGES - Superb, top quality coated optics which deliver a bright, crisp, high resolution image in beautiful 3D. This microscope has an advanced Parallel Optics system providing modularity and improved image performance.

VERSATILE STAND OPTIONS - are a huge range of alternative stands available.

UltraZOOM-4 Models (see also the stands, illumination and specifications sections)

Product ID	Description
UZ4-Head Only	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ4	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Track Stand
UZ4-H+0100	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Gooseneck and Transmitted Light LED Stand
UZ4-H+225601	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Tall Track Stand with Integrated, Independently Focusable Mechanical XY Stage with Coarse & Fine Focus
UZ4-H+0998	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Mirror Base Stand (Requires Fibre Optic Light Source)
UZ4-H+A20-40-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ4-H+A30-40-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ4-H+A20-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ4-H+A30-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ4-H+AV02-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV02-50 Table Mount Long Reach Articulated Arm Stand
UZ4-H+AV03-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV03-50 Wall Mount Long Reach Articulated Arm Stand



SPECIFICATIONS (see also the stands, illumination and specifications sections)



UltraZOOM-4 adjustable angle/height eyepiece tubes for comfortable ergonomic viewing over prolonged periods

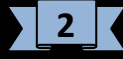
UltraZOOM-4 Widefield Eyepieces

UltraZOOM-4 Objectives

UltraZOOM-4 Camera Adapters

Parameter	Description	Product ID
Magnification (standard)	8X-80X Zoom Ratio 10:1	
Magnification (with options)	4X - 240X with optional auxiliary objectives and eyepieces	
Working Distance	78mm standard - with 1X objectives attached - please note an objective must be attached to use this microscope	
Working Distance (with options)	Up to 189mm with 0.5X auxiliary objective attached	
Objectives	Zoom Objectives 0.8X-8X included as standard 0.5X WD 189mm Reduces zoom magnification range by 0.5X 1X WD 78mm included as standard	- 1002UZ4 -
Eyepieces	Pair of 10X magnification - field number 22mm - included as standard Pair of 15X magnification - field number 16mm Pair of 20X magnification - field number 12mm 10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	1003UZ4 1004UZ4 1005UZ4 1007UZ4
Eyepiece Tubes	30mm Inner Diameter . Interpupillary distance adjustment for comfortable ergonomic viewing 45°inclined	
Zoom Control	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Camera Port	Separate Insertable Camera Port Included Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters. Camera port lever for the diversion of the light from one eyepiece tube to the camera port when pulled	
Camera Adapters	0.5X Camera adapter for c-mount microscopy camera with 1/2 in sensor 1X Camera adapter for c-mount microscopy camera	1000UZ4 1001UZ4
Head Body	Fits a 76mm internal diameter microscope holder. Includes a lip for holding an optional ring light. Includes internal thread for attaching optional auxiliary objectives	
Extras	Includes dust cover & manual	
OTHER	GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections	

ultraZOOM-5



Camera Port 3.6:1 Zoom Coaxial Light HD Coated 2Yr Warranty Lifetime Option



UltraZOOM-5
on a Plain Track
Stand

- Coaxial LED Illumination
- Perfect for Bore & Surface Inspections
- Exceptional Image Quality to Camera
- HD Coated Optics
- Camera Port - Camera Ready
- 3.6:1 Zoom Ratio
- Very Simple to Use
- Robust Industrial Grade
- Huge Choice of Stands

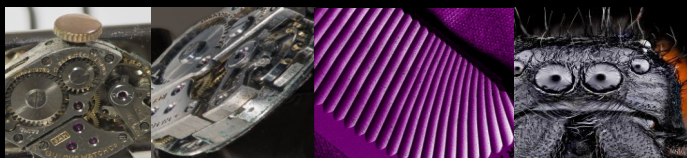
The UltraZoom-5 is an industrial grade, stereo zoom microscope with built-in LED coaxial illumination designed for imaging of the inside of holes & bores and is ideal for semiconductor, LED, LCD, metallic & coatings specimens. It has exceptionally high optical quality, with flat field objectives, very widefield eyepieces, exceptionally high quality output to camera and a huge choice of stands. The build quality is high being all metal with HD coated optical components, designed as an industrial inspection workhorse.

The UltraZoom-5 has a magnification zoom range of: 18X-65X, expandable to 18X-195X with additional eyepiece options and is equipped with a camera port on the trinocular head as standard for live image viewing capture and analysis.

- Huge choice of stands
- Built-in LED coaxial illumination where the illumination is directed through the objectives directly onto the subject

UltraZOOM-5 Models (see also the stands, illumination and specifications sections)

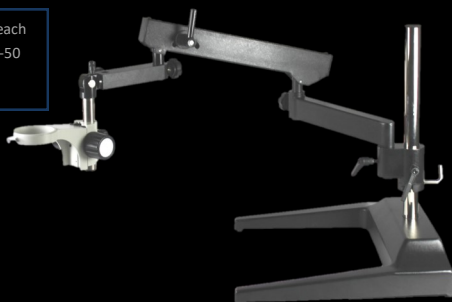
Product ID	Description
UZ5H	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ5-A1161	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Illuminated LED Track Stand
UZ5-0100	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + Dual Gooseneck and Transmitted Light LED Stand
UZ5H+A20-40-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ5H+A30-40-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ5H+A20-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ5H+A30-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ5H+AV02-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV02-50 Table Mount Long Reach Articulated Arm Stand
UZ5H+AV03-50-60-25-7247	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV03-50 Wall Mount Long Reach Articulated Arm Stand



SPECIFICATIONS (see also the stands, illumination and specifications sections)



UltraZOOM-5 vertical shaft of light projecting through the objectives to enable the inside of holes to be viewed



Optional Long Reach Articulated A20-50 Stand



Parameter	Description	Product ID
Magnification (standard)	18X-65X Zoom Ratio 3.6:1	
Magnification (with options)	18X - 195X with optional eyepieces	
Working Distance	92mm - please note - because the coaxial light path is critical no objectives can be added	
Working Distance (with options)	92mm only eyepieces can be changed	
Objectives	Zoom Objectives 1.8X-6.5X included as standard	-
Eyepieces	Pair of 10X magnification - field number 23mm - included as standard	-
	Pair of 15X magnification - field number 17mm	9320
	Pair of 20X magnification - field number 14mm	9221
	Pair of 30X magnification - field number 9mm	9222
	10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	9223
Eyepiece Tubes	30mm Inner Diameter . Interpupillary distance adjustment for comfortable ergonomic viewing 45°inclined	
Zoom Control	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Camera Port	Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters. Camera port lever for the diversion of the light from one eyepiece tube to the camera port	
Camera Adapters	0.5X Camera adapter for c-mount microscopy camera with 1/2" in sensor	3898
	1X Camera adapter for c-mount microscopy camera	3904
	DSLR adapters also available	pls enquire
Head Body	Fits a 76mm internal diameter microscope holder. Includes a lip for holding an optional ring light. Includes internal thread for attaching optional auxiliary objectives	
Extras	Includes dust cover & manual	
OTHER	GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections	

ultraZOOM-6



Side Camera Port



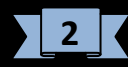
6.43:1 Zoom



Axial Zoom



Independent Zoom



2Yr Warranty



Lifetime Option



UltraZOOM-6
on a Long Reach Stand



- Axial Zoom - In Line Optics
- Ideal for Dissections, Restoration, Jewellery Setting, electronics etc.
- Separate, Dedicated Zoom Objective for the Camera - Optimum Imaging
- Side Camera Port - Camera Ready
- 6.43:1 Zoom Ratio
- Very Simple & Intuitive to Use
- Robust Industrial Grade
- Designed for use with Long Reach Stands
- Exceptional 0.3X Objective Option giving a 300mm Working Distance

UltraZOOM-6 Models

(see also the stands, illumination and specifications sections)

Product ID	Description
1043-Head Only	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces Only, Requires Stand
UZ6-Boom	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-40 Bench Mounted Long Reach Boom Arm Stand
UZ6-Boom GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-40 G-Clamp Long Reach Boom Arm Stand
UZ6-Articulated	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A20-50 Bench Mounted Long Reach Articulated Arm Stand
UZ6-Articulated GClamp	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + A30-50 G-Clamp Long Reach Articulated Arm Stand
UZ6-Articulated Table Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV02-50 Table Mount Long Reach Articulated Arm Stand
UZ6-Articulated Wall Mount	Trinocular Stereo Zoom Head & Pair of 10X Eyepieces + AV03-50 Wall Mount Long Reach Articulated Arm Stand

The UltraZoom-6 is the perfect stereo zoom microscope for dissections, electronics assembly, gem setting, jewellery manufacturing, fine engraving and numerous other tasks where manipulative work is undertaken under microscope.

AXIAL ZOOM - This microscope has its optical path all aligned in the same direction as you look. The eyepieces are not offset at an angle of 45 degrees as with conventional microscopes

SICZ (Simultaneous Independent Camera Zoom) - This microscope has a complete set of optical zoom components specifically for the camera which synchronously move through the zoom range along with the two viewing zoom objectives. The advantages of this are significant:

- SIMULTANEOUS VIEWING through both eyepieces and to the camera
- NO LIGHT SHARING to the camera port - other simultaneous viewing stereos share the image from one objective with the camera and eyepiece. With this system 100% of the light goes to the camera.
- A MORE INCIDENT VIEW the camera optics are configured more vertically to give a less oblique view
- ERECT IMAGE the image to the camera passes through less prisms, leaving the image erect.
- TWO MICROSCOPES IN ONE in effect you now have not only a 3D Stereo Zoom microscope but a Monozoom photography system built into one microscope



SPECIFICATIONS (see also the stands, illumination and specifications sections)



UltraZOOM-6 showing 3 zooming objectives, one of which is dedicated to the camera



Parameter	Description	Product ID
Magnification (standard)	7X-45X Zoom Ratio 6.43:1	
Magnification (with options)	2.1X - 360X with optional eyepieces	
Working Distance	95mm - please note - because the coaxial light path is critical no objectives can be added	
Working Distance (with options)	30-300mm only eyepieces can be changed	
Objectives	Zoom Objectives 0.7X-4.5X included as standard	-
	0.3X WD 250mm Reduces zoom magnification range by 0.3X	1043ON03-250
	0.3X WD 300mm Reduces zoom magnification range by 0.3X	1043ON03-300
	0.5X WD 156mm Reduces zoom magnification range by 0.5X	1043OB05
	0.75X WD 102mm Reduces zoom magnification range by 0.75X	1043OB75
	1.5X WD 44mm Increases zoom magnification range by 1.5X	1043OB15
Eyepieces	2X WD 45mm Increases zoom magnification range by 2X	1043OB2
	Pair of 10X magnification - field number 22mm - included as standard	-
	Pair of 15X magnification - field number 16mm	3676
	Pair of 20X magnification - field number 12mm	3683
	Pair of 25X magnification - field number 11mm	4987
	Pair of 30X magnification - field number 9mm	1001
Eyepiece Tubes	Pair of 40X magnification - field number 6mm	1043E40
	10X focussing eyepiece with reticle scale, 100 division horizontal axis , crosshair	3690
	30mm Inner Diameter. Interpupillary distance adjustment for comfortable ergonomic viewing 45° Inclined	
Zoom Control	Pair of zoom knobs ergonomically located on both sides of the head with calibration marks	
Side Camera Port	Suitable for the attachment of almost any camera with the appropriate camera adapter. Please ask us if you are unsure, we are experts in this field. A range of optional camera adapters available including C-mount adapters and DSLR T-mount adapters. Camera port lever for the diversion of the light from one eyepiece tube to the camera port when pulled	
Camera Adapters	0.5X Camera adapter for c-mount microscopy camera with 1/2" sensor included as standard	-
Head Body	Fits a 84mm internal diameter microscope holder. Includes a lip for holding an optional ring light. Includes internal thread for attaching optional auxiliary objectives	
Extras	Includes dust cover & manual	
OTHER	GX Microscopes Provide Numerous Stand and Illumination Options - see the stand and illumination sections	

ST50



Slide-in Lenses



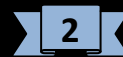
Articulated Long Reach



Built-In Light



Long Working Distance



2Yr Warranty



ST50B
with 45 Degree Head



ST50A
with Axial View Head

- Single Magnification Microscope
- Interchangeable Objectives & Eyepieces to Change Magnification
- Long Reach Articulated Stand
- Binocular 3D Image
- Built-in Articulated Light
- Exceptionally Low Cost
- 2 Types: 45deg or Axial View Heads
- Long Working Distance 119mm std. (up to 165mm with Options)
- 20X (3.5X-70X with Options)

The ST50 series of single magnification stereo microscopes are designed for those inspection and assembly/soldering tasks requiring plenty of distance between the microscope and the object under observation. The coated, excellent optics give an upright, non-inverted image over a wide field of view which is sharp and clear. Accurate alignment of the optics ensures the observer can enjoy a fatigue-free viewing experience over a long period of time.

The ST50A model has an upright (straight-through) binocular head. The ST40B has an angled binocular head.

The left eyepiece-tube has a diopter adjustment range of ± 5 mm. The interpupillary distance adjustment is 55-75mm. As standard a slide-in 2X objective with a working distance of 119mm is supplied along with a pair of 10X Widefield eyepieces which combine to give a total magnification of 20X. This magnification range can be expanded to 5X to 70X using the range of optional objectives and eyepieces shown in the table.

Objectives are easy to change using a dovetail slide-in mechanism. Each stereo is supplied with a pair of rubber eye guards & a dust cover. The stand has a metal base with steel vertical and horizontal arms. There is a precision, smooth focus system using a rack & pinion mechanism. The

Product ID	Description
9036	ST50A Axial View Head Binocular Stereo Microscope, Long Reach Stand, Illumination, Pair of 10X Eyepieces, 2X Objective (20Xmag)
9037	ST50B 45deg Head Binocular Stereo Microscope, Long Reach Stand, Illumination, Pair of 10X Eyepieces, 2X Objective (20Xmag)
9167	Slide-In Objective Cartridge: 1X (gives 10X magnification with 10x eyepieces) 165mm working distance
9168	Slide-In Objective Cartridge: 3.5X (gives 35X magnification with 10x eyepieces) 124mm working distance
9175	Pair of Eyepieces: 5X
9176	Pair of Eyepieces: 15X
9177	Pair of Eyepieces: 20X



Slide-in Lenses Great Value Built-In Lights 2Yr Warranty

XTX



- Single Magnification Microscope
- Interchangeable Objectives & Eyepieces to Change Magnification
- Dual Illuminated Pillar Stand
- Binocular 3D Image
- Built-in Top and Bottom Lights
- Exceptionally Low Cost
- Designed for use with Long Reach Stands
- Long Working Distance 119mm std. (up to 165mm with Options)
- 20X (20X-120X with Options)

The XTX series of stereo microscopes are classed as single magnification microscopes which can have a range of auxiliary objectives and eyepieces inserted to achieve different magnifications and working distances. Each microscope is equipped with high quality glass optics, a sturdy metal stand and built-in top and bottom illumination. These tough microscopes are designed for observations of small objects such as entomological collections, pond dipping, plant material, microfossils, rocks and industrial inspection. The simplicity of design and robustness of build makes it particularly suitable for use by the young enthusiast and in schools and colleges. Every microscope is equipped with a pair of objectives mounted in a removable, rectangular objective cartridge and a pair of wide-field eyepieces. The binocular head is mounted on the focus mechanism which, in turn is mounted on a vertical pillar. The head can be moved up the pillar to accommodate larger specimens. The head has interpupillary distance adjustment and the left eyepiece has diopter adjustment. A highly popular choice for schools, colleges & amateurs.

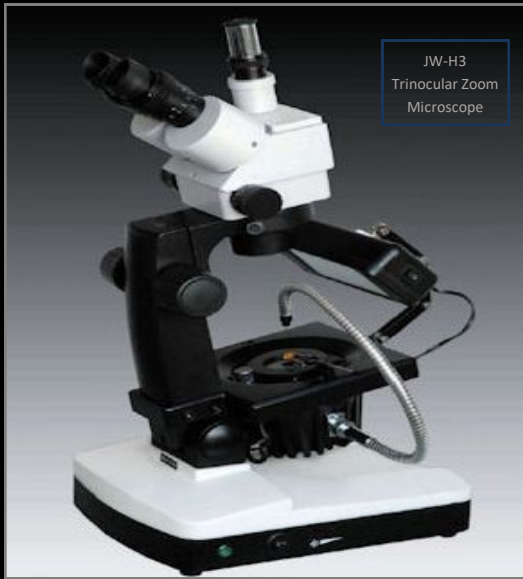


Product ID	Description
1276	XTX-1C Full Kit Binocular Stereo Microscope, Dual Illuminated Pillar Stand, Pair of 10X Eyepieces, 2X Objective (20X mag)
1276+3546+3553+3560+5663	XTX-1C Binocular Stereo Microscope, Dual Illuminated Pillar Stand, Pairs of 10X, 15X & 20X Eyepieces, 2X, 3X, 4X & 6X Objectives (20X - 120X magnifications achievable)
3546	Slide-In Objective Cartridge: 3X (gives 30X magnification with 10x eyepieces) 61mm working distance
3553	Slide-In Objective Cartridge: 4X (gives 40X magnification with 10x eyepieces) 57mm working distance
3560	Slide-In Objective Cartridge: 6X (gives 60X magnification with 10x eyepieces) 66mm working distance
5663	Pair of Eyepieces: 20X

GEMSCOPES



Darkfield Tilting (H3) Gem Holder Multiple Lights 2Yr Warranty



JW-H3
Trinocular Zoom
Microscope



JW-7E
Binocular Zoom Microscope



JW-7C
Binocular Dual Mag Microscope

- A Series of Gemmological Microscopes
- Zoom and Dual Magnification Versions
- All have Darkfield Bottom Illumination
- All have Gem Holders
- Titling Stand on JWH3
- Binocular 3D Image
- Camera Port on JWH3
- Built-in Base, Diffuse and Gooseneck Lights (varies with each model)
- Low Cost

The GXM JW series of gemmological microscopes are essentially stereo microscopes with some special illumination techniques that aid the viewing of gems and diamonds. The most important is a darkfield base light which makes crystalline material show up brilliantly against a dark background, ideal for pinpointing any flaws and for examining facets. The H3 and 7E models also have an excellent, articulated diffuse light source which shows surface finishes. The H3 model has a further directional light mounted on a gooseneck.

The H3 and 7E models have zoom magnification whilst the 7C has dual magnification.

All models are of a high quality build standard with optical glass and metal body for a long and robust usage.

These microscopes can be used for more than just gemmology, they can produce the most exquisite images of insects, plants and any crystalline subject for instance.

JW Series Models & Accessories

Product ID	Description
7971	JWH3 Trinocular Stereo Zoom Complete Microscope 7.5X-50X with Darkfield, Diffuse and Gooseneck Illumination, Tilting Stand and Gem Holder
7957	JW7E Binocular Stereo Zoom Complete Microscope 10X-40X with Darkfield and Diffuse Illumination and Gem Holder
7940	JW7C Binocular Stereo Dual Magnification Complete Microscope 20X & 40X with Darkfield Illumination and Gem Holder
9151	Pair of Eyepieces: 15X
0111	Pair of Eyepieces: 20X
0974	0.5X C-Mount Camera Adapter (fits 7971 only)

ILLUMINATION

Stereo microscopes can be supplied on stands with built-in illumination and many stands have no illumination. In this section you will see our extensive range of illumination options, many of these can be used to supplement existing stand-based illumination, in particular ring lights. See also the Stereo Microscope Stands section which includes a number of additional stand options with built-in illumination onto which stereo microscope heads can be mounted. Please note that some types of stereo microscope, such as some single magnification models are not suitable for use with ringlights because of the lack of attachment points. Please note also that when high magnification auxiliary objectives are added to stereo zoom microscopes the working distance declines to a point where a ring light (and top stand light) is ineffective, in these circumstances a gooseneck light is recommended. This is not a complete list please see our website for more.

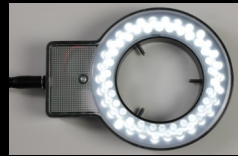


Product ID Description (see website for full specifications & more pictures)



2396i iLUMos QUADLED 60 LED High Intensity Ringlight, Quadrant Adjustable

A high intensity ring light suitable for most stereo microscopes. Packed with special design features and high quality components to ensure you get the very best images from your microscope. 60mm opening (max.)



2402i iLUMos LED Ringlight, Adjustable Intensity for Stereo Microscopes

60mm opening (max.) 12V 4W



120P iLUMos Polarising Ring Light for Microscopes.

In front of the ring of LEDs is a polarising filter, polarised light is transmitted onto the subject. In the middle of the ring light is another polariser (called the analyser) presenting a polarised light image to the microscope. The polariser is rotatable (and lockable) with printed graduations, different degrees of crossed polarisation can be achieved if desired.



6912 LED Diffuse Light Dome Illuminator for Stereo Microscopes for Exceptional Quality Photography

LED Diffuse Dome Illuminator with LEDs illuminating upwards into a white dome which then illuminates the subject perfectly. A superb illumination system for observing any surface, absolutely excellent for insect imaging, ball bearing imaging and shiny metallic specimens.



2341 7742 Fibre Optic Lamphouse with Fibre Optic Ring Light ID65mm on a 864mm Flexible Guide

Product ID Description (see website for full specifications & more pictures)



0153i iLUMos High Intensity Dual Gooseneck LED Microscope Illuminator

Professional, fully feature packed, ultra-high intensity 20W LED lamphouse with long, dual gooseneck light guides terminating in adjustable, top quality focussing lenses. Very bright and simple to use



0511i iLUMos Dual Gooseneck LED Microscope Illuminator
Bright, simple to use with unusually long LED goosenecks this extremely useful and a very economical light source



2341 2372 Fibre Optic Lamphouse with Dual Fibre Optic Light Guides with Focussing Lenses

Includes Filter holder and neutral density filter supplied. Filter set (R,G,B) code 2358 is available as an accessory



2341 7780 Fibre Optic Lamphouse with Dual Gooseneck Light Guides on Clamp for attaching to the back of stands

STANDS

Stereo microscopes can be used with a huge variety of stands depending on the size, illumination needs and type of subjects under observation. Naturally other considerations such as work area and space are of equal importance. Shown here are just some of the huge variety of stands that we offer. Many of these stands can be used with almost any make or model of stereo microscope and we can also configure them for use with lens systems, monozoom microscopes and DSLR cameras. GT Vision are experts in this field and have the largest range in Europe.

PILLAR STANDS the microscope holder is mounted onto a pole so the height can be adjusted to the largest extent

This stand has it all...

Why not consider our all new Universal Stand which is simply packed with unique features for almost any application and suitable for most stereo microscopes, monozoom microscopes and even many digital microscopes. See and manipulate your specimens in a new light.



- Coaxial, Calibrated Coarse and Fine Focus Knobs
- Includes a Set of Microscope Holders to accommodate different microscopes 76mm, 45mm and 39mm
- Adjustable Focus Dual Gooseneck LED lights
- Adjustable Intensity LED Transmitted Light Base
- Numerous Stage Insert Plates 45mm diffuse, 95mm clear, glass 95mm frosted glass and a 95mm reversible black/white.
- Includes XY Mechanical Stage with graduations and glass window
- Includes a Tilting Stage on a ball gimble
- Includes a Rotating Stage with Darkfield Base, Adjustable Field Iris and a Specimen Holder with two selectable clamp ends
- Includes a Free-Standing Articulated Specimen Holder
- All Metal and Glass Construction



Product ID: 0100
now supplied with coarse and fine focus knobs as standard
76mm Focussing Ring



Product ID: 4550
Stand with XY Stage
76mm or 84mm Focussing Ring



Product ID: 2822
Stand with Large Base
76mm or 84mm Focussing Ring



Product ID: 2815
Stand with Compact Base
84mm Focussing Ring

TRACK STANDS

The microscope holder is moved up and down a geared track



Product ID: GT0745
Standard stand for ultraZOOM-2



Product ID: GT0746
Standard stand for ultraZOOM-3

Product ID: 225601
An unusual stand fully equipped with top and bottom LED illumination an XY precision mechanical stage with its own coarse/fine focus and of coarse/fine focus controls for the 76mm Focussing Ring



Product ID: 0998
For high contrast variable direction transmitted light our mirror base stand is ideal. Highly effective for viewing liquid or agar mounted specimens

LONG REACH STANDS

The microscope holder is typically mounted onto an end arbour which can be angled, this then attached to a horizontal boom arm or articulated arm



Product ID: A20-50
Articulated Arm Stand on a U-Shape Desk Base



Product ID: A30-50
Articulated Arm with a space saving G-Clamped Vertical Pillar

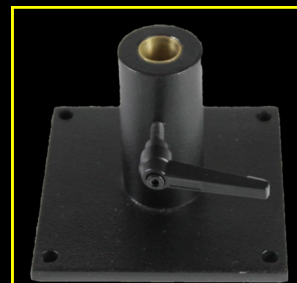


Product ID: A20-40
Boom Arm Stand on a U-Shape Desk Base



Product ID: A30-40
Boom Arm with a space saving G-Clamped Vertical Pillar

GX Microscopes'
AV Series
Versatile & Unique
Long Reach
Microscope Stands



Product ID: AV50-02
Small Table Mount for an Articulated Arm Stand



Product ID: AV50-03
Wall Mount for an Articulated Arm Stand



A Top Quality G-Clamp for Vertical Pillar Stands

ACCESSORIES



XY Stages with Substage Condenser & Illumination

Specimen Clips, Holders, Clamps and Graduated XY Stages

Large Glide Stages for Moving Large Subjects Quickly and Precisely



Motorise the Focus or Specimen Position for Focus Stacking & Image Montaging

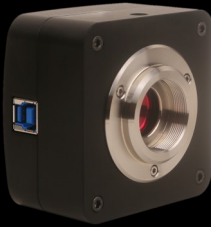
Connect almost any Camera

IMAGING



High quality image capture, image processing, image analysis, image transmission are the cornerstone of GT Vision's technology. We provide almost every conceivable solution for any of these areas including cameras with USB 3, HDMI, Wireless and SD Card outputs.

CAMERAS



GXCAM U3 and U3 Pro Series

USB-3 Digital C-Mount Cameras
5MP to 20MP

Top quality software including live focus stacking, image stitching, real-time shade correction, fully integrated analysis and so much more.
MAC & PC compatible



GXCAM HiChrome Series

Multiple Output C-Mount Cameras

Available with optional attachable special designed displays for a full digital microscope experience

HDMI, USB, SD Card, On Board Memory

HD to 4K Resolution

On-HDMI screen menus including measurements

Superb, fully featured software including focus stacking, image stitching, real-time shade correction, fully integrated analysis and so much more.

Special features: including live auto-focussing & machine vision real-time analysis
MAC & PC compatible



GXCAM DM350C Series

Multiple Output C-Mount Cameras

HDMI, USB, SD Card

1080P 3.5MP resolution

Top quality industrial software including fully integrated analysis

Special back focus knob for super-convenient focussing and extended working distance on all microscopes



GXCAM ECLIPSE Series

Wireless C-Mount Cameras

Wireless to 5G to Wireless Network, iOS and Android

5MP resolution

Free downloadable APP, full functionality

Phone holder included (as shown in picture)



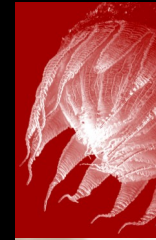
Eyepiece Cameras

See also our range of eyepiece cameras and we can also turn any camera into an eyepiece camera with a simple adapter

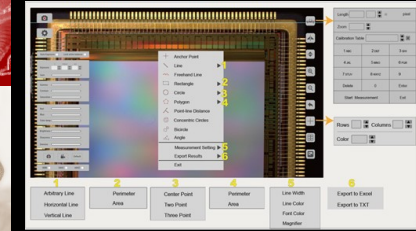


Compatible with all stereo microscopes

We can fit a camera to any stereo microscope and output to almost any device. Please ask for guidance if you are unsure what you need. We can offer a vast array of camera adapters and different ways to attach the camera.

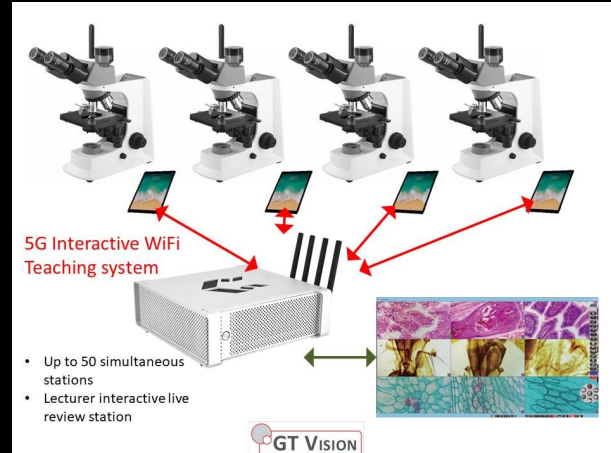


SOFTWARE



GT Vision are specialist suppliers of imaging software. Most of the cameras that we supply have comprehensive free software included and we integrate and supply many other types of software for automated image analysis and machine vision.

DIGITAL CLASSROOM



GT Vision

Europe's favourite microscope supplier

UK's Largest Microscope Servicing Organisation

Our service and technical team annually service, repair and even modify many thousands of microscopes across the UK. We have a wealth of experience in the supply, maintenance and design of microscopes and accessories.

Our Microscope Servicing Facility is the base for our Microscopy Service Organisation and is fully equipped for the maintenance of microscopes and various accessories associated with microscopy such as stands, camera adapters, controllers and lamphouses

Included in a Microscope Service:

A full optical clean (this will include the eyepieces, objectives and condenser which are removed for inspection and cleaning)

A full framework clean

An inspection of the rack and pinion mechanisms and external adjustment where necessary

An inspection of the stage, condenser and focus mechanisms and adjustment where necessary

A full inspection of the assembled microscope with adjustments and re-alignments made where necessary

Finally, the unit is tested for image quality using a suitable specimen, then identified by sticker that the unit has been serviced and when the next service is due

MICROSCOPE SERVICING & REPAIRS
Great Value – UK Coverage

Serviced On-Site or at our Service Centre

Universities, Colleges, Industry, Research Labs, Vets, Hospitals
Expert – Thorough – Reliable – Qualified Engineers

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Aspen Grove Farm
Asington Green
Stansfield
Suffolk
CO10 8LY

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EM: sales@gtvision.co.uk

Visit our On-Line Store to see our full range:

www.gtvision.co.uk

Special Engineering

XY Adapter plate for BX5011 Stage
MMS Stereo View
Adapter Ring for Mechanical from Alternating Beam Annotated Black
MMS Stereo View
Adapter Ring for Mechanical from Alternating Beam Annotated Black
MMS Stereo View
Adapter Ring for Mechanical from Alternating Beam Annotated Black
MMS Stereo View

GT Vision's experienced technical team manage the company's manufacturing, servicing, installations and R&D. One of our popular services is the development of special designs and modifications for our customers including entire products. A recent list of R&D projects includes:

- > Special fibre optic illumination for 'bore' imaging
- > XY attachable stages for stereo microscope and monozoom stages
- > Rotatable polarised light assemblies for stereo microscopes and stands
- > Light guide holders
- > Special monitor and camera brackets for long reach microscopes ensuring a non-inverted image.
- > Heated stages & LED conversions of microscopes
- > Microscope motorisation

For custom designed microscopy related products or modifications contact our technical team for a quotation.