

Q-scope[®]
DIGITAL MICROSCOPE

Discover the
new world
of handheld
digital
microscopy

Designed by Euromex
in the Netherlands



www.q-scope.com



Besides generating crisp clear high-resolution images the Q-scope distinguishes itself from others due to its clever ergonomical design. The shape has been made such that it fits precisely the hand of the user

www.q-scope.com

Q-scope® digital microscopes

high quality real time images

The Q-scope product range of digital microscopes offer the best solution for a broad range of applications like industrial quality control, medical & life sciences, forensics, science & education, art restoration and many other fields



Get connected through USB to your Windows or Mac computer to observe and analyse your captured or live images with our powerful user-friendly (free of charge) software for advanced image processing. The WiFi models can easily be connected to tablet computers. The Q-scope series consists out of models with numerous magnification ranges and a variety of image sensors

Q-scope has been designed in such way that it fits perfectly in your hand. This allows a relaxed grip, which makes the usage of the Q-scope handheld microscope very easy and effortless. Ease of use is crucial, this is why the Q-scope digital microscope only needs one finger to focus, grab a picture and select illumination settings



Q-scope® USB microscopes



| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.13200-P |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10 - 50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | Yes |
| SENSOR | Sensor type | CMOS |
| | Size | 1.3 megapixel |
| | Resolution | 1280 x 1024, 1280 x 960, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 8 white power LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.20200-P |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10 - 50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | Yes |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 8 white power LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

Q-scope® USB microscopes



| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.20500 |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 500x |
| | Zoom | No |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | 4 mm |
| | Polarizer | No |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 8 white power LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.80200-P |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10 - 50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | Yes |
| SENSOR | Sensor type | CMOS |
| | Size | 8.0 megapixel |
| | Resolution | 3264 x 2448, 2048 x 1536, 1280 x 960, 800 x 600 |
| | Max. frame rate | 15 fps |
| FEATURES | Illumination | 8 white power LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

Q-scope® UV microscopes



| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.UV-370 |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10 - 50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | No |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 8 UV power LEDs, 370 nm |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

| | | |
|-----------------|-------------------------|---|
| MODEL | Product number | QS.UV-400 |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10 - 50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | No |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 8 UV power LEDs, 400 nm |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |



Q-scope® Infrared microscope



200x
magnification
2.0 megapixel

QS.IR-940

| | | |
|----------|-------------------------|--|
| MODEL | Product number | QS.IR-940 |
| | Connection | USB 2.0 |
| | OPTICS | Magnification |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | Yes |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 30 fps |
| FEATURES | Illumination | 4 white power LED and 4 Infrared (IR) power LEDs, 940nm (switchable) |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 38/53 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |

Q-scope® Dermoscope



200x
magnification
2.0 megapixel

QS.DERMO

| | | |
|----------|-------------------------|---|
| MODEL | Product number | QS.DERMO |
| | Connection | USB 2.0 |
| OPTICS | Magnification | 10-50x and 200x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 5 to 520 mm |
| | Polarizer | Yes |
| SENSOR | Sensor type | CMOS |
| | Size | 2.0 megapixel |
| | Resolution | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480 |
| | Max. frame rate | 32 fps |
| FEATURES | Illumination | 8 white power CR++ LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 38/53 x (l) 140 mm |
| | Weight | 115 grams |
| | Package content | Microscope , Q-focus software, user manual, calibration target |



Q-scope® Lite

Complete starters set
for Home and Hobby

A special version for home and hobby use is created so anyone can enjoy the advantages of Q-scope digital microscopes!

At an extra attractive value for money ratio the **Q-scope LITE** is a great tool. Investigate or educate about coins, stamps, ants etc or use it to inspect kids for lice, share pictures with your doctor of suspicious skin defects, the possibilities are endless. The **Q-scope LITE-S** digital microscope starters set includes a special metal Q-scope LITE stand



QS.LITE-S



| | | |
|-----------------|-------------------------|--|
| MODEL | Product number | QS.LITE Digital USB microscope |
| | Product number | QS.LITE-S Digital microscope starter set QS.LITE including metal stand |
| OPTICS | Connection | USB 2.0 |
| | Magnification | 10-40x and 180x |
| | Zoom | Yes, distance controlled |
| | Working distance | Standard |
| | Lens type | High grade optical glass with multi-layer anti-reflection coating |
| | Focus range | Manual focus from 10 to 500 mm |
| | Polarizer | No |
| SENSOR | Sensor type | CMOS |
| | Size | 1.2 megapixel |
| | Resolution | 1280 x 960, 640 x 480 |
| | Max. frame rate | 25 fps |
| FEATURES | Illumination | 8 white power LEDs |
| | Software | Q-focus analysis software with measurement and annotation functions |
| BODY | Dimensions | (d) 34 x (l) 140 mm |
| | Weight | QS.LITE 110 grams / QS.LITE-S 490 grams |
| | Package content | Microscope, (metal basic stand), Q-focus software, user manual, calibration target |

A closer look at the Q-scope® microscope

POLARIZATION

Different illumination techniques can be applied. Polarization can be used to eliminate unwanted reflections of metal and glass or to detect stress in transparent materials

LIGHTING

Eight high power white LED's. Adjustable brightness for optimal control

UP TO 9 MEGAPIXELS

Q-scope® models come in suitable capture resolutions for any application. Save high quality images up to 3488 x 2616 pixel resolution

BUTTONS

Capture button and on/off switch plus brightness control

MEASURE AND SHARE

Q-focus measuring software is designed to be simple but highly accurate. Fast and precise measurement results can be easily shared with colleagues and friends all over the world!

UP TO 500X MAGNIFICATION

Standard focuszoom magnification range is 10x to 50x plus an additional high magnification of 200x. Magnifications up to 500x available

THUMB FOCUSING

Ease of use is crucial, this is why the Q-scope® digital microscope only needs one finger to focus, grab a picture and select illumination settings. Full metal gears ensure that the ease of movement will stay consistent for many years

ERGONOMIC DESIGN

The soft touch housing of the Q-scope® has been designed in such way that it fits perfectly in your hand. This allows a relaxed grip, which makes the usage of the Q-scope very easy and effortless

USB 2.0 – WIFI INTERFACES

Connect your digital Q-scope® microscope to your PC, Mac or Tablet either via USB or wireless using WiFi for full freedom of movement. Plug & Play!

Some applications...



Industrial inspection



Medical examination



Science / education



Veterinarian inspection



Jewelry / Watch repair



Q-scope® Basic stands



| MODEL | Product number | QS.MS10 | QS.MS20 | QS.CS10 |
|---------|-------------------------|---|--|---|
| DETAILS | Q-scope stand | Q-scope Metal Positioning Stand with easy 3D positioner Stable height adjustable stand with 3D positioner for accurate microscope control, ergonomic stable design | Q-scope Metal Gooseneck stand with fixed positioner Ergonomic hands-free operation. Large working distance and positioning options. Designed for maximum flexibility, ergonomic stable design | Q-scope Cradle Stand Transparent cradle for easy movement across flat surfaces and fast inspection at a fixed working distance |
| | Applications | All | All | Surface inspection like printing and fabrics |
| STAND | Features | Height adjustable, portable, easy 3D positioner, ergonomic design | Extended reach, portable, fixed positioner, ergonomic design | Fixed distance, light weight, portable cradle stand |
| | Dimensions | (w) 146 x (l) 176 x (h) 160 mm | (w) 329 x (l) 138 x (h) 265 mm | (d) 98 x (h) 50 mm |
| | Working distance | 0 - 105 mm | 0 - 120 mm | 15 mm |
| | Weight | 620 grams | 580 grams | 35 grams |
| | Compatible with | All Q-scope models | All Q-scope models | All Q-scope models |
| | Package content | Stand, 3D positioner holder, wrench, cable guiding clamp, user manual | Stand, fixed positioner holder, wrench, cable guiding clamp, user manual | Stand, holder, user manual |

Q-scope® stands

with unique easy
3D positioner

Check out the easy 3D positioner for
effortless positioning of the Q-scope
in all possible angles

A unique feature optional of the Q-scope stands
range is the **3D positioner**, which enables very
easy and precise three-dimensional positioning
and focussing using only one hand! We invite you
to experience this fully rotatable state-of-the-art
positioning tool while using your Q-scope digital
microscope



The **Q-scope Metal Positioning Stand** offers a
steady positioning of the microscope and with
the 3D-positioning holder the Q-scope can
be effortlessly positioned in literally every three
dimensional position using only ONE hand!

Q-scope® stands

matching all applications

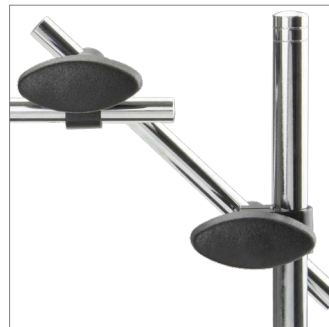
The Q-scope stands are designed to be stable and well balanced and provide smooth adjustment and positioning of the Q-scope digital microscopes

The desktop models consist out of a black coated metal base with a chromed steel post. The **Q-scope Metal Gooseneck Stand** has a black coated metal boomerang shaped base with a chromed flexible gooseneck with holder. With each stand a cable clamp is provided in order to secure the USB cable of the wired Q-scope models

The **Q-scope Metal Boom-arm Stand** offers an extra steady and precise positioning of the microscope

The large pillar and long articulated arm of the **Q-scope Metal Articulated-arm Stand** enables users to place large objects under the Q-scope. Use the fixed or the 3D-positioning holder to literally position the Q-scope in any three dimensional position effortlessly

The **fine focus adjustment system** allows accurate positioning and focusing of the Q-scope for precise microscope height control



The **Cradle Stand** offers a hands-free usage of the Q-scope to view at a fixed working distance. You can easily put the Q-scope into the cradle for close inspection at a high magnification

Q-scope® Professional stands

More professional stands on www.q-scope.com



| MODEL | Product number | QS.MS40-B | QS.MS40-D | QS.MS45-B |
|---------|----------------------------|---|--|---|
| DETAILS | Q-scope stand | Q-scope Metal Boom-arm stand with 3D positioner | Q-scope Metal Boom-arm Stand with fine focus adjustment 3D positioner | Q-scope Metal Articulated-arm Stand with 3D positioner |
| | | Extra stable height adjustable stand with 3D positioner for accurate microscope control, suitable for large objects, ergonomic design | Extra stable and height adjustable stand with fine focus adjustment, and fixed positioner for precise microscope control in height, suitable for large objects, ergonomic design | Extra stable and height adjustable articulated stand with 3D positioner for accurate microscope control, suitable for large objects |
| STAND | Applications | All | All | All |
| | Features | Height adjustable, portable, easy 3D positioner, suitable for large objects, ergonomic design | Height adjustable, portable, fixed positioner, suitable for large objects, ergonomic design | Height adjustable, articulated, portable, easy 3D positioner, suitable for large objects, ergonomic design |
| | Dimensions | (w) 220 x (l) 250 x (h) 287 mm | (w) 220 x (l) 250 x (h) 287 mm | (w) 220 x (l) 250 x (h) 287 mm |
| | Working distance | 0 - 230 mm | 0 - 235 mm | 0 - 230 mm |
| | Working range (X/Y) | 190/190 mm | 45/137 mm | 335/335 mm |
| | Focusing range | - | 44 mm | - |
| | Weight | 1600 grams | 1700 grams | 1800 grams |
| | Compatible with | All Q-scope models | All Q-scope models | All Q-scope models |
| | Package content | Stand, fine focus unit, fixed position holder, wrench, cable guiding clamp, user manual | Stand, fine focus unit, fixed position holder, wrench, cable guiding clamp, user manual | Stand, fixed positioner holder, wrench, cable guiding clamp, user manual |



ERGONOMIC DESIGN

The soft touch housing of the Q-scope has been designed in such way that it fits perfectly in your hand. This allows a relaxed grip, which makes the usage of the Q-scope very easy and effortless



UP TO 500X MAGNIFICATION

The wide variety of Q-scope digital microscopes models offer a complete range of magnifications, suitable for any object. Standard focus-zoom magnification range is 10x to 50x plus an additional high magnification of 200x. Magnifications up to 500x available



UP TO 9 MEGAPIXELS

Q-scope models come in suitable capture resolutions for any application. Save high quality images up to 3488 x 2616 pixel resolution



USB 2.0 – INTERFACE

Connect your digital Q-scope microscope to your PC, Mac or tablet using the USB port of your device



THUMB FOCUSING

Ease of use is crucial, this is why the Q-scope digital microscope only needs one finger to focus, grab a picture and select illumination settings. Full metal gears ensure that the ease of movement will stay consistent for many years



POLARIZATION

Different illumination techniques can be applied. Polarization can be used to eliminate unwanted reflections of metal and glass or to detect stress in transparent materials



MEASURE AND SHARE

Q-focus measuring software is designed to be simple but highly accurate. Fast and precise measurement results can be easily shared with colleagues and friends all over the world!



UV ILLUMINATION

Using 8 powerful 370 or 400nm UV LEDs the Q-scope UV models allow specialists to illuminate and visualize details in specimen, which cannot be seen with regular illumination



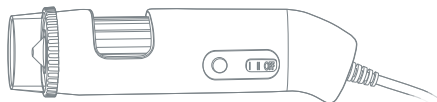
INFRARED ILLUMINATION

The infrared Q-scopes models allow switching between 940nm infrared and white light. This makes it easy to compare images and perform image analysis more efficient



DERMATOLOGY

Experience digital dermoscopy and increase the efficiency of diagnosing and documenting morphological dimensions of pigmented skin lesions, differentiating melanoma from other pigmented skin lesions. Use polarized light to easily cancel out skin surface reflections



Q-scope®

DIGITAL MICROSCOPE

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