

Cellcheck Mini-K-USB Portable Video Microscope



This version of our popular Cellcheck portable microscope comes with coaxial illumination making it ideal for inspecting high gloss surfaces or structures (e.g. silicone surfaces, flaws in clear finishes, chrome-plated surfaces).

Cellcheck Mini-K-USB is supplied with 3x, 4x and 6x objective lenses which are magnetically attached to make switching simple and quick. This results in a magnification of approximately 135x, 170x and 260x on a 24" monitor. Additional lenses with magnification factors of 10x, 15x, 20x, and 30x are also available if required to reach a maximum magnification up to 1200x.

The smooth coaxial focus ring allows precise adjustment of the focal point. A USB 2.0 camera with 1600 x 1200 pixels is fitted and provides power to the Coaxial and LED ring light (both included).

The Cellcheck Mini-K-USB Video Microscope is delivered in a robust plastic transport case well suited for mobile use in field service.



Video Software – Measure, Capture, Annotate

Cellcheck microscopes are supplied with **Metric BE** software for image viewing and saving in both still and live video.

Alternatively, upgrade to [KITEC video measurement](#) software which has the most extensive range of measurement functions, image capture and annotation capability of any measurement software on the market. Combining all this with an easy to use interface and life-time free updates makes Cellcheck an unbeatable package. Two Kitec software versions are available, ECO and PRO. It is possible to upgrade at any time from ECO to PRO at the original price difference. Your old version will keep its value.

KITEC ECO

Basic measuring functions such as distance, radius, diameter, angles and more. Image capture with Jpeg, BMP and TIFF formats. Annotate with text and markers. Export measurements into Excel to create reports. Assign functions to as many as 30 hot keys.

KITEC PRO

Contains all measurement functions that are available: special circular measurements, functions for PCBs, thickness measurements, thread-cutting, milling and drilling measurement functions. Import DXF files for inspection with a DXF overlay. Focus calculation and many other special functions. One click export of measurements and images together into Excel.

Kitec software can be installed on as many computers as desired, and is enabled by connecting the USB camera, allowing the system to be used by a number of employees. **Future updates are free of charge.**

Matrix for Cellcheck Mini-K-USB

The field of view is specified in the horizontal direction The magnification factor is based on a 24" screen (measured diagonally). All length dimensions are in mm. The USB 2.0 camera has a resolution of 1600 x 1200 Pixels (1/2" Chip). Divide the visible area in microns by 1600 to determine the pixel size.

Tube length	Objective lens	2x	4x	6x	10x	15x	20x	30x
120 mm.	Working distance in mm	33	18	11	6	9	6	4
	Field of view in mm	2.4	1.2	0.82	0.5	0.33	0.23	0.17
	Magnification	90	170	260	430	640	840	1230

Prices

Order no.	Description	Price excl. VAT.
Cellcheck Mini-K-BE	Cellcheck Mini-K with Metric BE software	£2,720.00
Cellcheck Mini-K-ECO	Cellcheck Mini-K-USB with KITEC ECO software	£3,150.00
Cellcheck Mini-K-PRO	Cellcheck Mini-K-USB with KITEC PRO software	£3,820.00
CV-OM-100	Lense, 10x	£109.00
CV-OM-150	Lense, 15x	£164.00
CV-OM-200	Lense, 20x	£245.00
CV-OM-300	Lense, 30x	£332.00

Accessories



Tripod MST

Special MST tripod for Cellcheck series video microscopes. The mounts for the support rollers are adjustable laterally to maintain the working distance for all interchangeable lenses. The MST is also available as a special mode with rolling support rollers.

Order no.	Description	Price excl. VAT.
MST	MST Tripod for microscopes	£325.00
MST-R	MST Tripod with rotating support rollers	£575.00



MST-X Tripod

The X-adjustment in the MST tripod is a further option. The 5 mm adjustment range helps to evaluated adjacent measuring points precisely at high magnification factors. The X-adjustment is not possible in combination with rolling support rollers.

Order no.	Description	Price excl. VAT.
MST-X	MST –X Tripod for microscopes	£575.00