Cellcheck Mini-K-USB Portable Microscope



Cellcheck Mini-K-USB Portable Video Measuring Microscope

This version with coaxial illumination allows the system to be used when high gloss surfaces or structures are to be made visible (e.g. silicone surfaces, flaws in clear finishes, chrome-plated surfaces). The set includes a 3x, 4x and 6x lense as well as the LED ring light. This results in a magnification of approx. 135x, 180x and 270x on the monitor. In combination with the KITEC measuring software or with the MeshCheck image processing software for automatic measurement of metal and polyester textiles.

The 1600 x 1200 pixel, USB 2.0 camera allows the coaxial or LED ring light (included) to be supplied with power from the camera. Lenses with magnification factors of 10x, 15x 20x, and 30x are also available if desired. This handy microscope body is very light and allows precise adjustment to the focal point. Systems are shipped in a small plastic case. Upgrading with an MST stand is possible at any time.

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-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



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	£355.00
MST-R	MST Tripod with rotating support rollers	£630.00