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Mobile USB microscope Cellcheck Mini-USB



USB 2.0 video microscope for your briefcase. The 1600 x 1200 pixel, USB 2.0 camera allows the LED ring light also supplied to be supplied with power from the camera. A 2x and 4x lens are supplied with the microscope. This results in a magnification of approx. 90x and 180x on the monitor. Lenses with magnification factors of 3x, 6x, 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. In combination with the Metric Standard or Metric Plus measuring software this is a professional measuring and testing system, suitable for the electronics, printing, wood, glass and plastics industry and virtually all fields re-

quiring surface evaluation or measurement of details.

Matrix for Cellcheck Mini-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	30
110 mm	Working distance mm	35	19	11	6	9	6	4
	Field of view mm	2.6	1.3	0.9	0.5	0.35	0.26	0.18
	Magnification	84	160	242	400	596	800	1143

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Mobile USB microscope Cellcheck Mini-K-USB



This version with coaxial illumination allows the system to be used with the MeshCheck image processing software for automatic measurement of metal and polyester textiles. The coaxial illumination is required immediately 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 lens as well as the LED ring light. Both 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	30
120 mm	Working distance mm	33	18	11	6	9	6	4
	Field of view mm	2.4	1.2	0.82	0.5	0.33	0.23	0.17
	Magnification	90	170	260	430	640	840	1230