

Stereozoom Digital Camera Microscope

Software enables you to count and measure objects

- Software provides seven different measurement functions

A simple USB connection with your PC or Mac lets you put this plug-and-play stereozoom microscope to work. The built-in digital camera features powerful analysis and manipulation software that counts and measures objects. Measure length in metric or English scales, ellipses, rectangles, and irregular shapes. Compute areas of an entire image or portions of it. Combine images, each with a different focus, into one clear image. Enhance saved images with audio narration recordings using MIG format. Software requires a minimum of Windows® 98 or Mac OS® 9.01, 64-MB RAM, and a 4 MB display card (not included).

Zoom continuously through a range of 1x to 4x with incident and/or transmitted illumination—rheostat light control ensures clean image views, and the auto white balance function corrects the color. This stereozoom microscope has widefield 10x eyepieces with dual diopter and interpupillary adjustability from 54 to 76 mm.

What's included: frosted glass plate, a reversible black/white plastic stage plate, a frosted blue filter, a measurement calibration slide, stage clips, and dust cover.



New

Model 48925-40 comes with built-in 2.0 megapixel digital camera and software.

Features incident and/or transmitted illumination with rheostat control for precise lighting



Specifications & Ordering Information

Illuminator(s):

20 W halogen with rheostat

Functions: count, capture, measure, record, or above, USB 2.0, amalgamate, Internet meetings

Stage plate diameter: 80 mm

Output: digital

Data formats: BMP, JPG, MIG

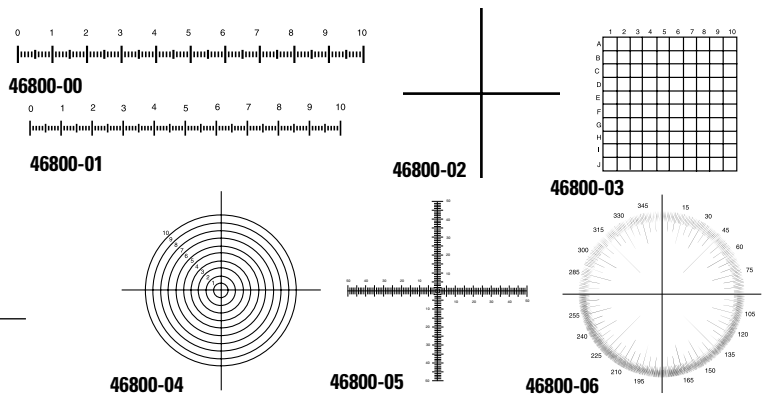
Operating requirements: processor: 1 Ghz or above, USB 2.0, RAM 256 MB, and video card: 32 MB (48923-40 model only)

Catalog number	Imaging sensor	Pixels	Resolution	Cable(s)	Data transfer	Power	Price
K-48925-30	1/8" CCD	640 x 480 with PCI card (not included)	320 x 240, 480 TV lines	USB, RCA-Video, S-Video	7.5 MB/sec	115 VAC, 60 Hz	
K-48925-35						230 VAC, 50 Hz	
K-48925-40	1/2" CMOS	1600 x 1280	1600 x 1280 pixels	USB 2.0	480 MB/sec	111–220 VAC, 60 Hz	

Reticles

Accuracy and precision at your fingertips

Designed to increase the accuracy of your inspections, these clear glass discs are marked with precise scales or patterns. Reticles fit into microscope eyepieces at the intermediate image area of the specimen or object being examined. Both the scale or pattern of the reticle and the object image are superimposed and in focus.



Specifications & Ordering Information

Diameter tolerance: +0.0/–0.1 mm

Overall accuracy: ±5 µm

Thickness: 1.5 mm

Centering: 0.1 mm

Line width: 12 to 15 µm typical

Description	19-mm dia		21-mm dia		22.8-mm dia		25-mm dia	
	Catalog number	Price	Catalog number	Price	Catalog number	Price	Catalog number	Price
Scaled from 0.300"/100 divisions, with 0.001" per div. with 3x objective	K-46800-00		K-46800-10		K-46800-20		K-46800-30	
Scaled from 10 mm/100 divisions, with each div. = 0.10 mm	K-46800-01		K-46800-11		K-46800-21		K-46800-31	
Crossline pattern, with line width = 0.0004" to 0.0006"	K-46800-02		K-46800-12		K-46800-22		K-46800-32	
Grid pattern, 10 mm x 10 mm per side, with 10 x 10 squares = 100 total*	K-46800-03		K-46800-13		K-46800-23		K-46800-33	
10 Concentric circles with crossline, with 1 mm thru 10 mm dia	K-46800-04		K-46800-14		K-46800-24		K-46800-34	
Cross scale pattern, 10 mm/100 divisions per axis, with each division = 0.10 mm	K-46800-05		K-46800-15		K-46800-25		K-46800-35	
Comparator pattern, 360° total, with 180° in 1° increments and 180° in 1/2° increments	K-46800-06		K-46800-16		K-46800-26		K-46800-36	

*Grid numbered horizontally and lettered vertically.