

# Vision Cam 1300

for image acquisition, measuring and storage



Vision Cam 1300 is the intelligent imaging package with digital microscope camera and software for image acquisition, measuring and storage.

## Camera & Image Acquisition

The package includes a digital camera that can be mounted on any generally available microscope, macroscope, endoscope, lens etc., assuming there is an appropriate C-mount adaptor.

A high resolution 1.3 Megapixel camera with CMOS technology ensures that your components, specimens and preparations are always depicted precisely and true to detail. CMOS technology provides a quality of image more commonly associated with high specification cameras and when combined with the integrated easy-to-use software, you can view live images directly on your monitor for the best pictures in the shortest time!

Using the integrated, easy-to-use software, you can set the key parameters in the large live image directly on the computer monitor – for the best pictures in the shortest time!



### What's in the box?

- 1.3 Megapixel digital camera (USB 2.0) with C-mount thread
- Software CD-ROM including online help (F1 key)
- Installation instructions
- Stage Micrometer
- USB 2.0 cable

## Measuring Features

- Software for measuring (2D) of lines, circles, areas, angles and more
- Scalebar in various displays, online value preview, digital zoom, show ruler, colour settings for lines and labels, arrows and text, layer functionality
- Stage micrometer for calibration purposes

## Camera and Image Acquisition Features

- 1.3 Mpix Digital Camera (1/2") with C-Mount thread
- USB 2.0 PC connection
- Capturing software for image adjustment (exposure time, brightness, contrast, white balance, colour saturation, shading correction, mirroring and more)
- Images can be stored as \*.jpg, \*.bmp and \*.png
- Centric selectable display window (field of view)

## Measuring

Would you like to two-dimensionally measure image contents? With this measuring software it's child's play!

First, calibrate the system: with the stage micrometer provided it takes less than a minute. You determine the desired measuring unit and the decimal places at the same time – then everything is digitally stored in the PC for further use.

Then acquire an image, assign the appropriate calibration and away you go with measuring: e.g. lines, circles, areas, angles and much more...

Uncomplicated in daily use thanks to practical aids such as online measuring value preview and digital zoom for precisely setting measuring points!

Scale bars, arrows and labelling are also included. And before the image is saved for good, all this can even be edited using the innovative layering function.





Vision Engineering manufactures a comprehensive range of ergonomic stand-alone mono and stereo microscopes as well as a complete line of non-contact measuring systems.

For more information...

Vision Engineering has a network of offices and technical distributors around the world. Please contact your Vision Engineering branch, local authorised distributor, or visit our website.

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