DimensionOne™

Dimensioning & Mark-up Software
for Mantis, Lynx and the SX range of stereo microscopes.

- Image capture and mark-up software, with on-screen dimensioning
- Ultimate ease of use, 'menuless' with large icons
- Easy output to email, print or file
- Multi-lingual; Available in all major languages

Dimensioning & Mark-up Software

DimensionOne™ is a powerful image capture, mark-up and dimensioning software solution, for use with Vision Engineering stereo microscopes. The 'menuless' software uses large icons to simplify imaging and dimensioning tasks, providing ultimate simplicity for the user.

DimensionOne™ is a highly simplified image capture and dimensioning software where all of the necessary content has been refined to provide ultimate ease of use. DimensionOne™ software can be used with Mantis Elite-Cam and Lynx systems, plus many other stereo microscopes in the Vision Engineering range.

Large icons for fast navigation and ultimate ease of use.

Simply capture an image

- DimensionOne™ can capture an image with a click of the mouse, or a touch of the screen - its that simple! The simplified design allows maximum emphasis on the live and captured image, making mark-up easier and clearer.

Image mark-up

- Adding mark-up text could not be easier. DimensionOne™ has one simple font and a pallette of colours, ensuring maximum contrast can be obtained between the captured image and text.

Dimensioning and simple measurement

- On-screen dimensioning can be performed on any captured image to measure circles, lines, points, angles and distances.

  Additionally, there are a range of powerful constructions available including creating intersection of lines, or bolt circles etc.

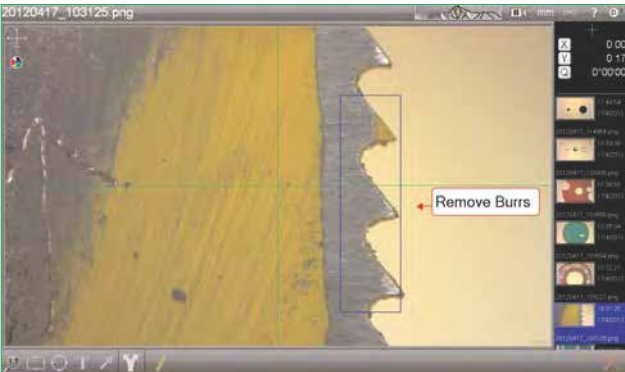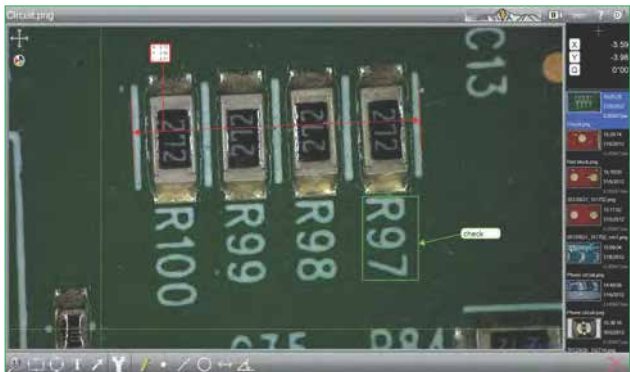*DimensionOne™ software provides added power to Mantis Elite-Cam*

Image capture with clear mark-up text referring to the burrs.

Dimensional data on circuit components.

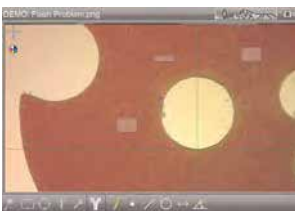**Jean Louis MENEGON -** Votre représentant et Conseiller - Tél. : **06 76 08 96 83**
Email: *jlouismenegon@aol.com* - web: www.menegon-metrologie.com

Dimension⊕ne™

Dimensioning & Mark-up
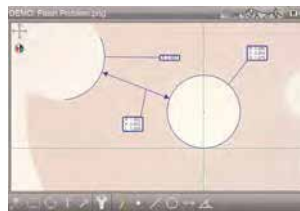## *- Made simple -*

Opacity change

- DimensionOne™ allows for the captured image to be modified with a change in opacity from 0 to 100%.
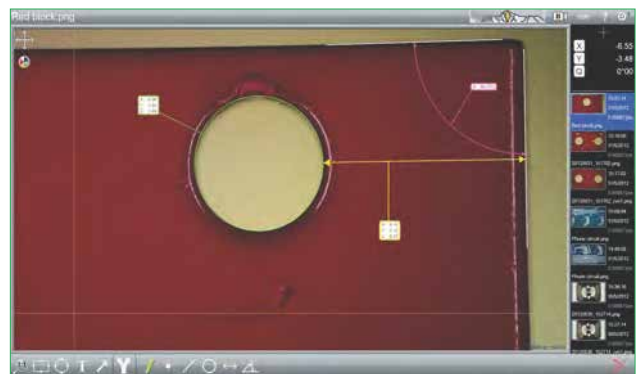

Opacity at 90%.

Opacity at 10%.

Touch-screen capability

- Simply touch the screen to capture an image, annotate it, or dimension it.

Dimensional data, width of track with applicable annotations.

Holes dimensional data on an aerospace component.

DimensionOne™

Lynx stereo zoom microscope with DimensionOne™ Unicam integrated digital camera and software.

Save it, email it, print it.

- Save it, email it, print it - the choice is yours. The files can be saved as .jpg, .png, or .bmp.
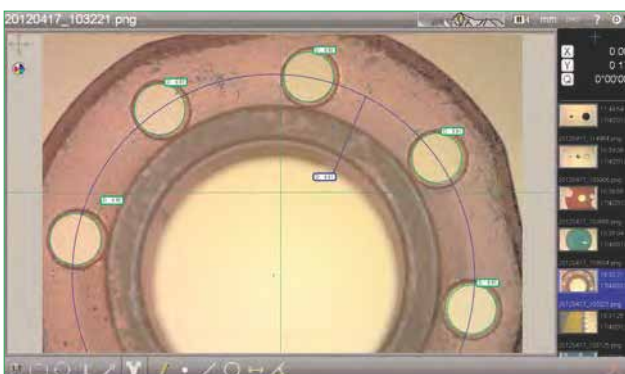
Multilingual software

- DimensionOne™ is available in many languages including: English, French, German, Italian, Spanish, Portuguese, Russian, Chinese, Japanese and Korean.
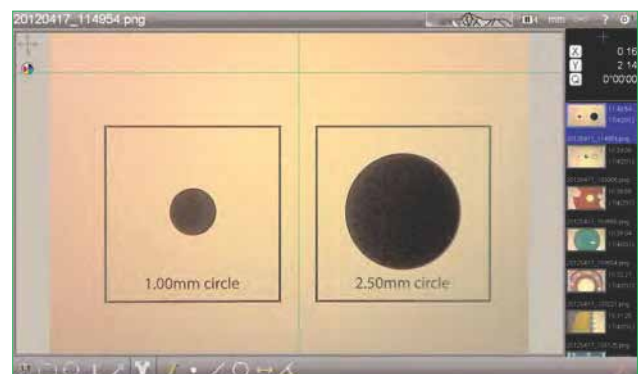
On-screen calibration

- A calibration aid allows for on-screen calibration using a 1.00mm & 2.50mm diameter circle.

System requirements

- DimensionOne™ requires a Windows 7 PC (or later) operating system (32 or 64 bit) and will operate with any inspection equipment that has a video camera fitted which uses a "Direct Show" driver.

Dimensional data of the diameter of the individual circles (in green) as well as the dimensions of the bolt circle (in blue).

Calibration aid with circles of 1.00mm in diameter and 2.50mm in diameter. Calibration aid is provided with the software.

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Stereo inspection microscopes

Use with Vision Engineering's range of stereo inspection microscopes...

Mantis Elite-Cam stereo inspection microscope

- Mantis Elite-Cam is a low magnification visual inspection microscope, providing truly superb 3-D imaging with unparalleled freedom of head movement. Featuring Vision Engineering's patented eye-pieceless technology, Mantis Elite-Cam includes an internally integrated digital camera, allowing effortless image capture and documentation.

Mantis Elite-Cam range of stereo microscopes including universal stand, bench stand, and articulated arm.

Lynx stereo zoom microscope

- Lynx is a unique eyepieceless stereo microscope for intricate tasks requiring high-resolution stereo viewing up to x120 magnification. The eyepieceless optics of Lynx significantly increase head freedom and eye relief, reducing operator stress and fatigue over long periods of time.

Lynx range of stereo zoom microscopes including boom stand, VS8 variant, and bench stand.

SX stereo range of microscopes

- With more than 50 years experience in design and manufacture of high performance optical systems, Vision Engineering's SX range delivers value, performance and flexibility. The SX range provides high quality stereo viewing, ideal for both industry and life sciences, with an extra-long working distance for assembly, manipulation, re-work, dissection, or simple inspection tasks.

The SX range of stereo zoom microscopes including SX45, SX80 & SX100 .

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