

## Details Features/Specifications of MeasurePro

This Image Analysis Software can be used in Crimp Industry, Crystal and Stone morphometry, ploidy, percent activity, Neuronic tissue morphometry, Crystal and stone morphometry, Mineralogy - metal and metal strength analysis, Cement (Klincker) quality control, Honey Quality Control, Quality control of animal food, Statolith, otolith measurements, Polarized Inspection, Machine vision and robotics automation, Animal behavior – Kinetics, Polymeric analysis, Fluorescence HiRes image printing, etc. This is very useful where ever Medical microscope, Zoom Stero microscopes, or Any microscope which are used for measuring, in laboratories. Reporting can be done through images with other details features.

### A.File Menu

**1.Open Image:-** Now we can open image in .bmp and .jpeg, format.

**2.Refresh:-** You can refresh image if you have done any mistakes.

**3. Save image & Save image As:-**This is used for images with different names.

#### **4. Report Preview:-**

This is used for giving details reports like Name, Evaluation date, Sample ID No., Application, Operator, Microscope Objective. After filling details, You can see reports in MS-Word and MS-Excel formats, It will generate reports with image, data, various other related information and all. Reports can be generated with the company's logos and its name and address.

#### **5.Image Properties:-**

In this you can see the details of image like Type, Location, Size, Created etc.

**6.Email:-** You can share it through email to your friends.

#### **7. Show Capture:-**

We can directly capture images through the software without going outside the software. It has various features. You have to install only frame grabber card driver we can easily capture images into the computer. We can capture images in .bmp format. It has more features like :-

- I. Close Capture*
- II. Load Palette*
- III. Set Capture File As \*.avi etc.*
- IV. Allocate File Space*
- V. Save Captured Video As*
- VI. Save Palette*
- VII. Save Single Frame As .bmp*

#### **8. Options**

It has various options for capturing cards.

- I. Audio Format*
- II. Format*
- III. Source*
- IV. Display*
- V. Compression*
- VI. Preview*
- VII. Overlay*
- VIII. Card Details.*

## 9. Capture

This option is also for capturing.

- I. Single Frame*
- II. Frames*
- III. Video*
- IV. Palette*

**10. Color:-**This is used for changing color of line which you are making for measurements.

### 11. Amalgamation:-

This is used for merging two images. In this you can merge Dark Objects and Light Objects differently. Merged image can be saved with different image.

**12. Zoom:-**Image can be enlarged from 25% upto 500%.

**13. Flip:-** We can flip the image as Horizontal, Vertical and Both direction together

### 14. Zoom Preview:-

We can see Zoom Preview on the screen by simply moving the mouse on the cells. It can be Zoomed from 100%, 200%, 300%, 400%. It is very useful in seeing small cells.

### 15. Annotation :-

It has various options, you can write text on image, We can mark with **arrow**. It has different types of arrows. The color of arrows can be changed. We can use **Rubber, Pencil**. We can draw square and rectangle on image. We can change Line color, text color, Font color, size, Font name, Bold, Italic, Underline. These all can be saved with new file name. It can be refreshed if you have made any mistake. The written text can be moved on the image.

**16. Filters:-** It has various filters for improving image quality. It has **Solarize, Brightness, Noise Remove, Blur, Invert, Sharpness, and Contrast**. It can be done simply moving Slider.

**17. Dark Field:-** It has automatic dark field features. No need to buy dark field.

## B. Measurement Tools.

**1. Calibration :-** This tool is used for calibrating through calibration scale. This is done only once when we used with microscopes. How to do is given below (For all

Tools) .

**2.Length:-**This is used for measuring length .It can measure any given length in the image. It calculates according to your selected calibrated scale name, chosen from the list.

**3.Curved Length:-** Now we can measure any cells by simply moving the mouse on the cell and marking area through free hand it will calculates the results.

**4. Angle:-** This is used for measuring angles of three selected point.

**5. Area:-** This is used for measuring area in Square, Rectangle, Ellipse, Polygon, Circle and By **arrow keys** with zoom preview on the screen.

**6. Radius:-** This is used for measuring three points radius.

**7. Perimeter:-** This is used for measuring perimeter of irregular shape.

**8. Counting:-** This is used automatic counting of cells. It has three intensity range for counting manual by selecting area, Automatic dark objects, Automatic bright objects. It Counts in Total Count, Max Dia, Min Dia, Max Area, Min Area, Percentage. It can be Searched out with different colors. It shows labels with numbers on every cells. Label color can be changed. It has five range to search . It may count length, width and Area. Label size can be changed.

**Note- Specifications are subject to change due to our continuous R&D programme**