

SEMICAPS 2200P

SEM Passive Capture Imaging System

SPECIFICATIONS

Hardware

Scan Control Card (PCI)
SEM Interface Module
SEM Passive Interface Cables

Software (Single License) SEMICAPS 2200P Imaging (Win 2000/XP)

Passive capture module

- Continuous capture mode
- Image resolution dependent on SEM settings
- Maximum resolution 8192 lines
- Full screen image display
- Data entry after capture
- Snap and save function
- Auto file name generation
- Image annotation & measurement functions
- Archiving and printing functions
- Image thumbnail browsing
- Image formats like jpeg, tif or bmp
- Printing using user-defined templates
- Export images with annotations & measurements

Image processing functions

- Auto Brightness and Contrast
- Images addition or subtraction
- Brightness, Contrast & Gamma corrections
- Sharpening (3 levels) Smoothing (3 levels)
- Edge enhancement (3 levels) Mosaic (6 levels)
- Posterize (6 levels) Emboss (6 levels)
- Despeckle Histogram equalization
- Noise reduction Negative contrast image
- Image resize Image Zoom & Pan
- Copy and Paste Image rotation
- Histogram display Dilate
- Erode Annotations
- Grayscale conversion

Utilities Module

- Micron marker
- Display of magnification, date and note

Measurement Functions

- Angle
- Length (Horizontal, vertical or diagonal)
- Measurement result in micron or mil

All specifications are subjected to change without prior notice