Basic Measurements
- Micron marker overlays image
- Measure in metric or English units
- Easy to calibrate to your standards
- Point-to-point and segmented lines
- Area measurement: ellipses, rectangles, irregular shapes
- Image histogram, RGB Separation of color channels
- Manual tagging of events with counters
- Videotext labels perfect for reporting

Parallel Line Caliper Measurement
- Measure the distances between parallel lines
- Multiple lines may be drawn for measuring zones
- Sets of lines at any angle on the image
- Multiple caliper sets per image

Special Measurements
- Measure multiple angles
- Overlay grids on images
- Overlay specific size ellipses or boxes for comparison
- Auto-detect objects based on user defined values
Threshold Analysis
- Automatic detection of features based on threshold levels
- Detect either light or dark areas, or user defined color values
- Wizard interface greatly simplifies the process
- Include or exclude holes in objects
- Filter objects by roundness (multiple roundness calculations available)
- Filter objects by size
- Separate touching objects (manual or automatic)
- Sort areas into size categories
- View percentages of areas detected
- Detect within a region of interest (ROI)
- Completely customizable reporting
- Multiple passes with different settings allow ratios of objects to be calculated
- Background subtraction
- Storage of settings allows construction of standardized, user defined wizards for repeat analyses

Data Export & Reporting
- Data for each object may be displayed on image
- Data table of measurements is instantly available within PAX-it
- Summary statistics automatically calculated in PAX-it
- Automatic spreadsheet formation with PAX-it/MS Excel™ link
- Customizable data handling and graphing with PAX-it/MS Excel™ link
- Images with measurement overlays may be included in reports
- User defined templates mean data reporting according to your needs
- Simple reports through links to MS Word™ and MS PowerPoint™ also available
- Data export to other applications

PAX-it Measurement & Analysis Modules
Basic:
- Scale bar on image
- Point to point measurements
- Segmented lines
- Manual area measurements:
  - Rectangles
  - Ellipses
  - Polygons
  - Irregular shapes
- Angle measurement
- Parallel line calipers
- Manual tagging of events
- Reporting through MS Word™, Excel™, or PowerPoint™

Enhanced:
Includes all Basic Module features plus:
- Arc measurement
- Grid overlays on image
- Auto-detection by density
- Auto-detection by color
- User-defined wizards for repetitive analyses
- Filters for detected objects
- Multiple detection passes on single images
- Manual adjustment of auto-detection

The Measurement Totals window displays detailed information and summary statistics.

Self assembling report will automatically export your measurement data, along with the image and image descriptors, to MS Word™ or MS Excel™ documents.