

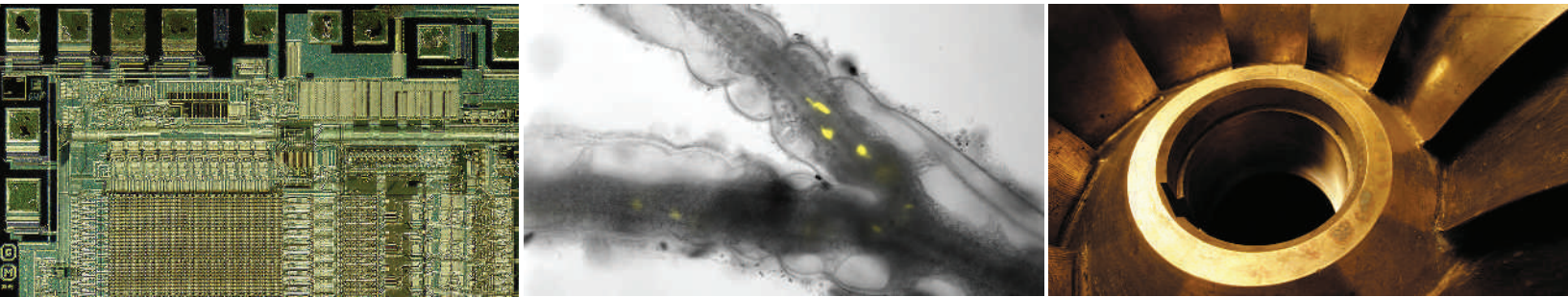
**OPTRONICS®**

**RINCON™ HD**



## Simple HD Image Measurement & Capture Software Package

RINCON HD features the latest in image acquisition, live digital measurement, HD image capture, and quick, simple reporting of measurement data and statistics. Also included are simple image editing and annotation features. RINCON HD is compatible with MICROCAST HD and other leading OPTRONICS microscope camera system packages.



**Experience the Benefits of Rincon HD Through our Free Trial Program.**

### Feature Highlights

- Live Measurement & Overlay
- Live Image Comparison
- One-click Report Generation
- Time & Date Stamp on Live Image
- Focus Meter
- Z Axis Focus Enhancement

### Live-mode Feature Specifications

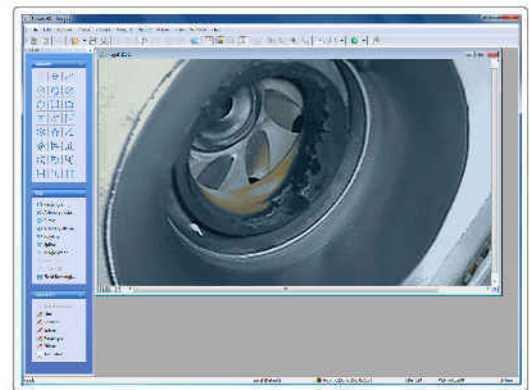
#### Live Measurement and Overlay Settings

Users can perform measurements on the live preview image, using the crosshair or grid masks to center and count. The grid masks include calibration data. Calibration marker (scale bar) can be placed on the live preview image. The marker (scale bar) can also be burned on each captured image automatically.

**Time stamp:** Date and time on live preview image

**Focus meter:** Focus meter is available for achieving the correct focus

**Live Image Comparison:** For QA testing or quick go/no go inspections any stored image can be used as a reference image onto which the live preview image is projected.



*Windows 64 Bit Compatible!*

# Measurement & Annotation Feature Specifications

## Manual Measurements

Point count, Straight line, Circle by radius, Circle by N points, Circle by diameter, Circle by 3 points, Rectangle, Polygon, Polyline, Splice lines from a common point, Auto trace, Angle parallel lines, Perpendicular width, Perpendicular from common line, Angle between 2 lines, Distance, Perpendicular distance, Irregular diameter, Horizontal line, Vertical line, Width and height, Arc by 3 points.

## Annotation

Line, arrow, polyline, spline, rectangle, ellipse, text

## Time Lapse Capture & Movie File Production...Import into Power Point

Software features a Time Lapse Capture function that supports TIF, BMP and JPG file formats. The Time Lapse Capture function also includes an Auto Save feature by yyyy/mm/dd/hour/minute/second. Can save video movie recordings in AVI, MPG, MPEG, and MOV formats.

## Export to Excel® - with One Click

A single mouse click exports the original image with measurement, calibration, annotation overlay

## Image Processing

Manual Brightness, Contrast, Gamma, Background Subtraction, Shading Correction, Histogram, Clone, Crop, AOI, Resize, Rotate, Split, Merge Monochrome series into RGB Color, Combine different exposure Images for highlight reduction, Image Mode Change, Grayscale, RGB, HSB, YUV Pseudo Color view, Full range of enhancement and morphology filters 8bit and 16bit per channel.

## Supported File Formats

Jpg, jpeg, tif, tiff, bmp, gif, pcx, tga, mpg, mpeg, avi, mov

## System Requirements

- Microsoft Windows: Win10/Win7/Vista/WinXP/2000/ME/Win98SE
- 32 MB of RAM or more (128 MB recommended)
- 15 MB or more hard disk space (50 MB recommended)
- CDROM drive
- VGA or higher resolution monitor; DVI recommended (1920 x 1080 pixel)
- 24 bit and more color support video card is recommended
- Microsoft Mouse or compatible pointing device
- USB port for hardware key (License)

## Supported Imaging Devices

- TWAIN Driver
- DirectShow/ WDM Driver
- All OPTRONICS and KARL STORZ Industrial Compatible Imaging Devices:
  - Microcast HD
  - Rincon One HD
  - Jenoptik ProgRes
  - KARL STORZ Telecam
  - KARL STORZ TPT LED

Rincon HD Software  
Rev. 010514

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