

SPECIFICATIONS



Digi 2



Digi 3

OBSERVATION TUBE	Binocular 30° inclined, 360° rotatable, IPD 52-75mm	Binocular, 30° inclined, 360° rotatable, IPD 52-75mm
EYEPIECE	Focusable WF 10x / 18mm	Focusable WF 10x / 23mm
OBJECTIVES	RP series Infinity corrected Semi Plan 4x, 10x, 40x (SL), 100x (SL, Oil)	RP series Infinity corrected Plan 4x, 10x, 40x (SL), 100x (SL, Oil)
ILLUMINATION	6V 20W Halogen Lamp	6V 20W Halogen Lamp
IMAGE DEVICE	1.3 Mega pixel Color CMOS sensor	2.0 Mega pixel Color CMOS sensor
RESOLUTION	1280 (H) x 960 (V) pixels, 15 fps at 1280x960 pixels	1600 (H) x 1200 (V) pixels, 60 fps at 640 x 480 pixels
LIGHT SENSITIVITY	1 Lux	1 Lux
INTERFACE	USB ver 2.0	USB ver 2.0
SOFTWARE	Digi Pro™ 4.0 Image Analysis Software	Digi Pro™ 4.0 Image Analysis Software
SYSTEM REQUIREMENTS	CPU: Pentium II or Higher, RAM: 64MB or more, Hard Disk Space: 100MB or more, Windows/Æ SE/ME/2000/XP, CD-ROM drive and USB 2.0 port	



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WWW.OEM-OPTICAL.COM

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ISO 9001 : 2000
File No. A9020



PROFESSIONAL

Digital Research Microscopy



CAPTURE

PROCESS

ANALYZE

LABOMED

Ideas for Vision.

LABOMED



LABOMED Professional Digital Microscopes offer a complete high-end digital imaging solution. This combination of superior optics, high resolution digital imaging modules and a versatile software provides for easy image acquisition, processing and analysis.

High quality images produced through the Infinity Corrected Optical System are rendered with very high definition, clarity and contrast onto the computer monitors.

This unique platform of brilliant optics, digital imaging sensor and the versatile DigiPro™ software is an ideal choice for Education, Pathology, Research and Life Science applications.

IMAGE CAPTURING

- Various modes of capturing
- Binder file format, save in JPG, GIF, LMD and BMP
- Brightness/Contrast, Hue/Saturation adjustment on the live image
- Live video/image capturing in AVI format
- Add voice/sound to video files for future reference

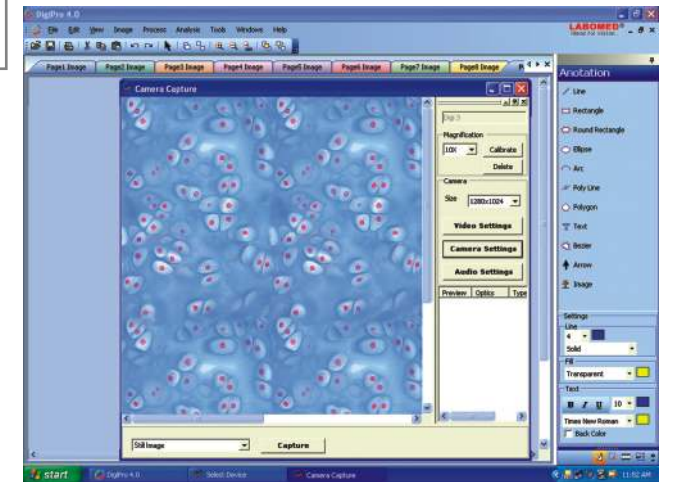


IMAGE PROCESSING

- RGB, Brightness/Contrast and White Balance
- Filters : Darkfield, Emboss, Engrave, Soften, Sharpen, Invert and user defined filters
- Merge multiple images into one for enhanced view
- Stitch multiple images of a slide to form digital slide
- Image sharing through e-mail and online video sharing on internet for tele-medicine

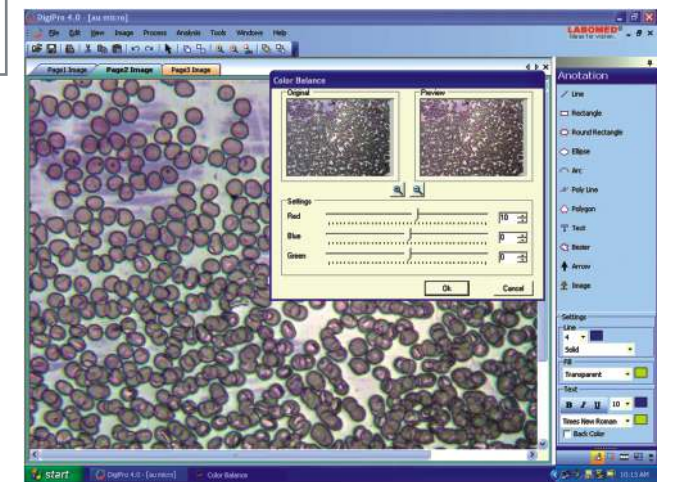
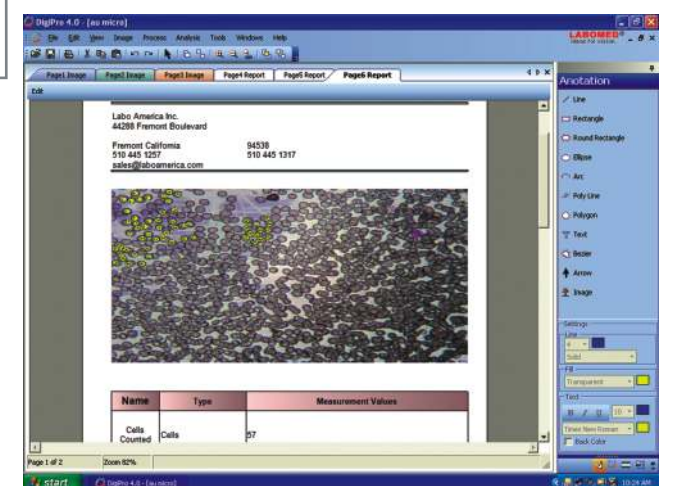


IMAGE MEASURING

- Precise Measurement of various shapes
- Annotation tools for highlighting and writing comments
- Camera Lucida for sketching cell structures
- Easy result marking and printing
- Easy report writing and customized reports by built-in report designer
- Industry specific analysis tools



DigiPro™ Software for Digital Microscopy