PAXcamHD™

Hands-Free Gross Imaging
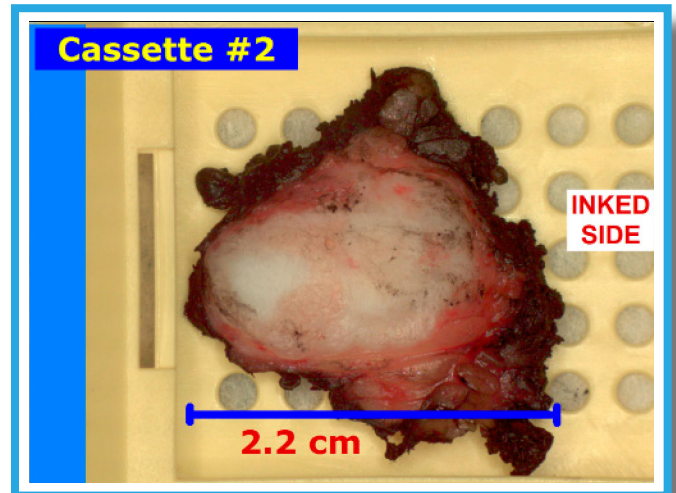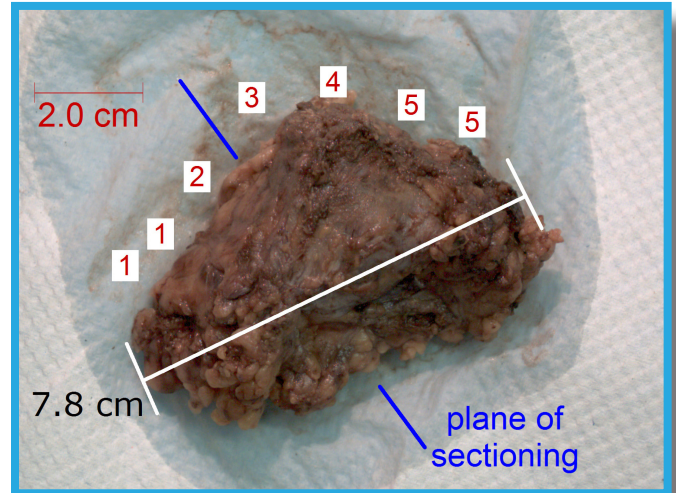

2.0 cm
7.8 cm
plane of sectioning

Cassette #2
INKED SIDE
2.2 cm

- ✦ **Mount within grossing station, over bench top, or above autopsy table**
- ✦ **Auto focus/Auto exposure on live preview**
- ✦ **Foot pedal control: one-tap field of view & camera settings**
- ✦ **Auto-label with case information & scale bar**
- ✦ **Easy touchscreen or mouse annotation & markup of image**
- ✦ **Quick, calibrated measurements on image**
- ✦ **PAXcamCONNECT™ live streaming for remote consultation**
- ✦ **Includes all *PAX-it!* tools for image management, annotation, processing, and sharing**
- ✦ **Capture directly to your case management software, to MS-Office® applications, to *PAX-it!* imaging software, or to file**
- ✦ **Compatible with PAXcam microscope imaging solutions for an integrated lab imaging protocol**

www.paxcam.com

PAXcamHD
Gross Imaging System
Specifications and Benefits

✦ **Work inside the grossing station, over a grossing bench, or over an autopsy table** without moving the specimen to a separate camera stand

✦ **Compact form factor** in a hermetically sealed, smooth camera body that may be wiped down

✦ **HD1080p live preview** of the gross image area displayed on a standard computer monitor

✦ **30x zoom range** driven by quick and silent motors, yielding a wide range of fields of view (FOV) at a given working distance, for example:
  - ◆ **45" wide to less than 2" wide fields of view at 38" working distance**
  - ◆ **27" wide to less than 1" wide fields of view at 22" working distance**

✦ **Auto focus** at any zoom level, with manual focus override through computer controls – *no need to touch the camera*

✦ **Auto exposure** with exposure compensation settings and manual exposure override through computer controls – *no need to touch the camera*

✦ **30 user-defined, one-tap presets** to easily store and recall any combination of the following:
  - ◆ Specific zoom, exposure and contrast levels to accommodate different specimens' size, shape, and reflectivity
  - ◆ User-designed annotation and scale bar templates for instant application to captured images
  - ◆ Defined methods for saving images from the PAXcamHD camera, for example:
    - • To a currently opened case folder in *PAX-it!*
    - • To a *PAX-it!* folder based on Accession Number or other user-designated sorting method
    - • To a Windows file, PowerPoint® presentation, or Outlook® email, in addition to a defined *PAX-it!* location

✦ **Foot pedal control** for switching between the stored camera / zoom presets and for image capture – *hands-free operation!*

✦ **Versatile, user-friendly software interface** for use with **Touch Screen** or traditional mouse controls

✦ **Capture directly to *PAX-it!* Software** and other convenient locations, including: MS-Office® applications (PowerPoint®, Outlook®, Word®), to file, your hospital application, and more!

✦ **Capture video clips** of gross specimen handling, including time-lapse sequences

✦ **Includes PAXcamCONNECT™ Live Streaming** to share PAXcamHD's live preview with multiple remote locations via LAN or the internet, for interactive telepathology and consultation regarding gross specimen prep and features

✦ **Includes *PAX-it!* software** to seamlessly capture images into a user-defined database archive, with **touch-friendly** markup tools, reporting tools, and more:
  - ◆ Draw lines, boxes, and circles on your image manually or with easy user-defined presets
  - ◆ Add pre-formatted textual phrases to your image with one touch
  - ◆ Add a calibrated scale bar or multiple scale bars to the image
  - ◆ Draw calibrated measurement lines with immediate readout in your choice of measurement units
  - ◆ Simple tap control to drop sequential labels (A,B,C... or 1,2,3...) for serial sections or cassette designations
  - ◆ Additional annotation and measurement tools
  - ◆ Image processing tools including HDR imaging, fusion of focal planes, stitching
  - ◆ Expandable software modules, including: image analysis, network site licensing, motorized stage control, and more

✦ **Supplemental ring light illumination** is available for setups where ambient light is insufficient

✦ **Optional camera mounts** are available, including flexible arms for mounting within a grossing station, and fixed or articulating arms for bench top installations

(Microsoft, Word, Windows, Office SBE, Outlook, Excel and PowerPoint are registered trademarks of Microsoft Corporation)

*PAX*cam™ www.paxcam.com

PAX-it! www.paxit.com