Image Studio 3.1 Imaging Software

Image Acquisition and Import

- **Application-Driven Ribbon Interface (Figure 1)**
  - Each analysis type has a corresponding ribbon with tools for analysis and formatting that are only relevant for that application

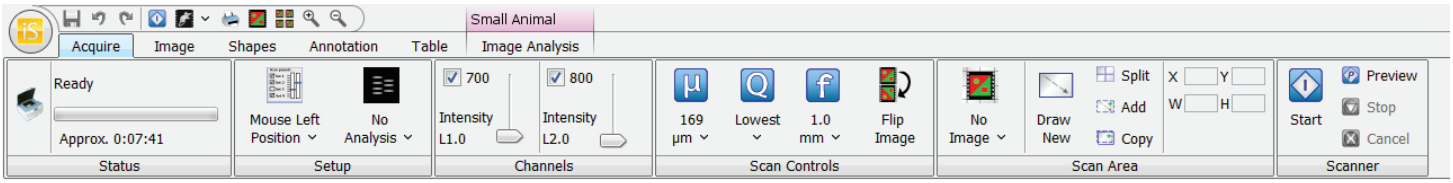

Figure 1. *Image Studio is a ribbon-based application that displays analysis and formatting tools for user selection and implementation.*

- **Ability to scan multiple areas in a single scan**
  - With an enhanced acquisition interface, the user can divide a single scan into multiple scan areas
- **Ability to import .tif, .jpg and .png files**

Data Analysis

- **Definition of Lanes and Bands**
  - Simply define the sample area and the total number of lanes
- **Placement of Shapes by Simple Point-and-Click Method**
  - Click on a band to see a rectangle placed around it automatically
- **Rotation of Objects**
  - If a band or blot are not in the desired orientation, objects can be rotated as a group or individually
- **Data Analysis Tools**
  - The user has full control of the data display and can rearrange each column through sorting and filtering
- **Annotation Controls**
  - Simple to change fonts and controls, including rotational control of text and arrows
- **Linking of Look-Up-Tables**
  - View different scans under identical display conditions
- **Supports many types of analysis, including:**
  - Western Blots
  - In-Cell Western™ Assays
  - Multi-Well Plates
  - Coomassie Gel Documentation
  - MPX™ Western Blots
  - EMSAs
  - Tissue Imaging
  - Grid Arrays
  - DNA Gels
  - Small Animal Imaging

Image & Data Export and Printing

- **Image Export Tools**
  - Export experimental images and tables for further analysis in several downstream software packages, such as Adobe® Photoshop, Microsoft® PowerPoint, and GraphPad Prism® Software
  - Image and accompanying information can be easily transferred from one computer to another for data analysis
  - New sizing and resolution options are now available, as well as expanded file formats
- **Data Export Tools**
  - Launch an external spreadsheet program and automatically import selected rows of data into the spreadsheet program
- **Customizable Lab Notebooks (Figure 2)**
  - Ability to create a direct-to-PDF export of data with separate templates for each analysis type.
  - PDF format is fully customizable to meet different documentation requirements

Figure 2. *Create electronic or hard-copy lab reports customized to meet specific needs and documentation requirements, such as GLP or ISO.*

Data Storage

- **Simplified File Access**
  - Easier, more convenient access to user data

Minimum Requirements

- **Odyssey® Classic Infrared Imaging System:**
  - SN <3000: Embedded software, version 2.1.15
  - SN >3000: Embedded software, version 3.0.X or higher
- **Aerius Imaging System: Embedded software, version 2.0.14**
- **Odyssey Sa Imaging System: Embedded software, version 2.0.13**
- **Pearl® Imaging System: Embedded software, version 1.2.6**
- **Computer Operating Systems:**
  - Windows® Systems
    - 4GB RAM
    - Windows® 7, XP, or Windows Vista® Operating System
  - Macintosh® Computer
    - 2GB RAM
    - OS 10.6 or above

LI-COR Experience Excellence

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