Solutions for Advanced Scientific Research

Laboratory Software, Imagers, Reagents, and Accessories

LI-COR

Odyssey XF Imager

Drive Your Research and Capture the Essentials with XF

The Odyssey XF Imager is a robust NIR and chemiluminescent imager that provides enhanced detection for Western blots and gels. Combining the essential assays into a single imager, the Odyssey XF Imager takes consistent and low-background images every time.

Create a Solid Research Foundation

The Odyssey XF Imager lays the groundwork for credible research by taking precise, high-integrity images. By gathering all the vital components of separate NIR and chemiluminescent imagers into one unit, the Odyssey XF Imager is ready to be used by researchers of all experience levels.

- Images NIR and chemiluminescent membranes and protein and DNA gels
- Covers fundamental imaging needs for most labs
- Multiplexes with over six logs of dynamic range for high sensitivity

Accurately Image without Artificial Software Enhancements

Other digital imagers take images that need to be corrected or manipulated in post-processing—using tactics such as binning, flat fielding, and image stacking—which can lead to inaccurate and irreplicable results. The Odyssey XF Imager's patented optics deliver images that are uniform and have low background, eliminating the need for image manipulation and safeguarding against these tactics' errors.

Odyssey XF Imager Key Specifications

Optical System

Image Area:
12 cm W × 10 cm D (4.7" W × 3.9" D)
Imaging Tray (Internal Dimensions):
12 cm W × 14 cm D (4.7" W × 5.5" D)
Pixel Resolution: 125 µm
Dynamic Range*: >6 logs
Detectors:
Low-noise CCD, thermoelectrically cooled
CCD pixel size: 6.45 µm
Laser Lifetime:
20,000 hours of operation
Class 1 Laser Product
Light Sources: 525 nm LED
700 Channel Laser Source
Solid-state diode laser at 685 nm
800 Channel Laser Source
Solid-state diode laser at 785 nm
Patented FieldBrite™ XT² Technology
CV <3% across field

**This dynamic range is obtained in a single acquisition.*
Specifications subject to change without notice.

Size and Weight

Dimensions (Instrument Only):
41.4 cm W × 47 cm D × 67.3 cm H
(16.3" W × 18.5" D × 26.5" H)
Depth with imaging drawer open:
59.7 cm (23.5")
Weight: 27 kg (60 lbs)

Software Specifications

LI-COR Acquisition Software
Operating System
Windows 10 (64 bit)
Memory
Minimum 16 GB
Hard Drive
Solid state
Empiria Studio Software
Operating System
Windows 10 (64 bit)
Mac OS Mojave or Catalina
Memory
Minimum 8 GB

Learn more about the Odyssey XF Imager at **licor.com/bio/odyssey-xf**