

RWD | 瑞沃德

Western Blot Imager

Sensitive

Expeditious

Robust

Intuitive



*The image is of an engineering prototype; the actual appearance is subject to the final product.

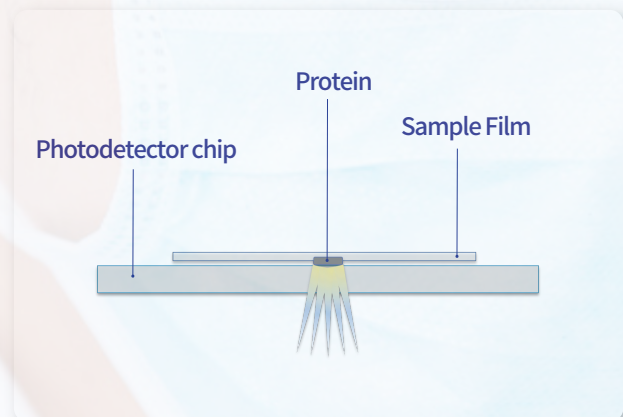
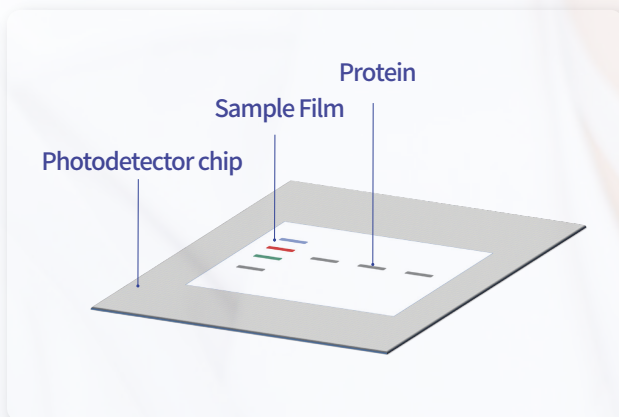
Application Scenario

Western blot imaging and analysis of experimental samples

Product Characteristics

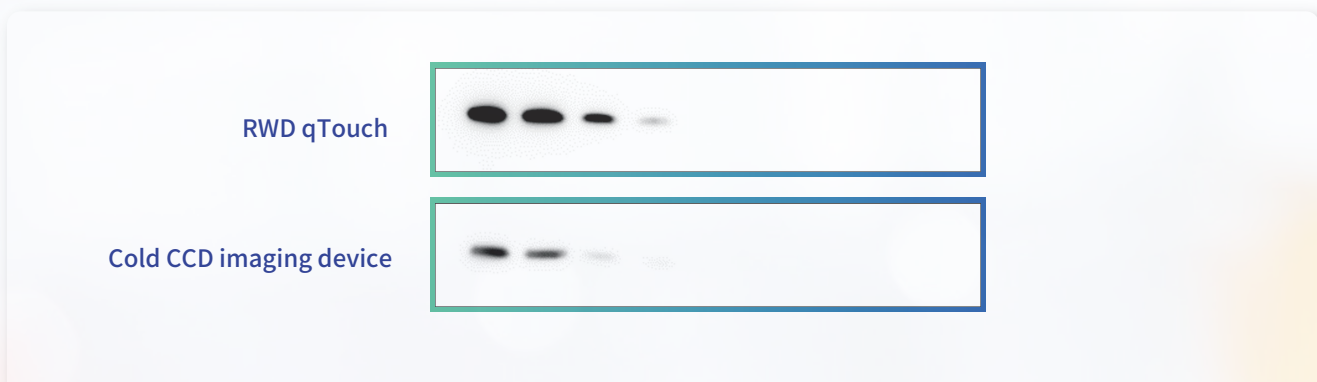
High Sensitivity

- Ⓜ Imaging with direct contact between the photodetector chip and the sample membrane.
- Ⓜ Reduces light signal loss by more than 99%, capturing extremely weak signals.
- Ⓜ Improves sensitivity and quantitative range by two orders of magnitude.
- Ⓜ Three sensitivity levels for adjustment to fit a wider range of samples.



Rapid Imaging

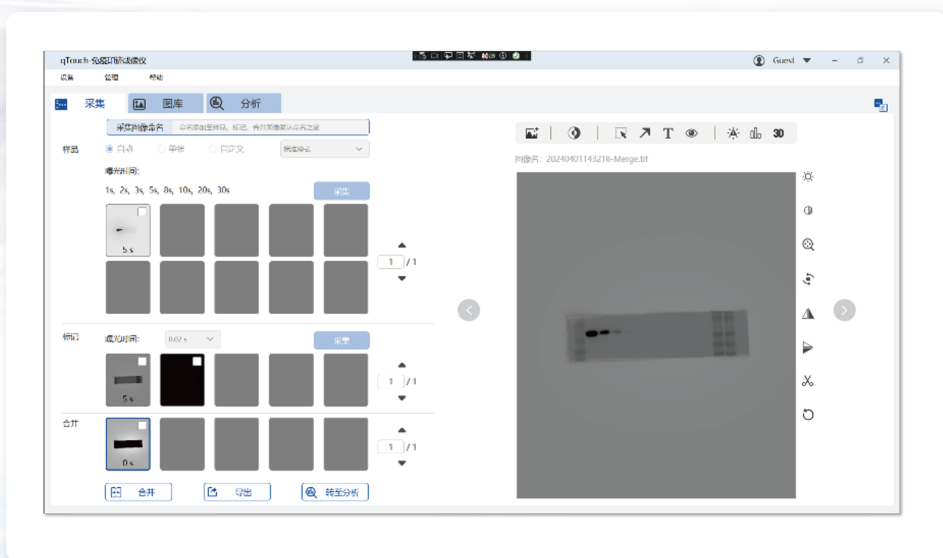
- Ⓜ Versatile exposure modes, with a transmission speed greater than 1000Mbps for rapid image output.
- Ⓜ Most samples can achieve high-quality imaging within 1 second.
- Ⓜ Significantly reduces the time required for collecting low-abundance samples.
- Ⓜ Custom image algorithms ensure high-quality images.





Intelligent Operation

- ④ The operation software is easy to use, feature-rich, and stable.
- ④ The device has a cover closure darkroom detection feature to ensure image quality.
- ④ It has built-in image processing and analysis capabilities, allowing for one-click band recognition.
- ④ A multi-level account system manages the data, with separate data storage for each account.

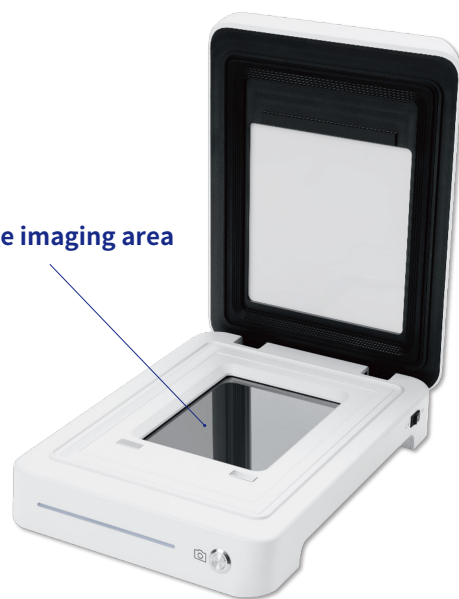


Premium Slim



Tri-color LED indicator strip displays device status

Ultra-large imaging area



Technical Specifications

Parameters	Description
Imaging Area Size	150cm ²
Device Power	Powered by a DC12V adapter
Device Interface	USB3.0
Transfer Speed	Greater than 1000 Mbps
Sensitivity	At the pg level
Dimensions (W*H*D)	291*226*53 mm
Weight	<3.8kg
Host Compatibility	Windows10,64bit

Software Configuration	Description
Expose Mode	Automatic/Manual
Sensitivity Adjustment	Low Sensitivity/Standard/Ultra-High Definition in three levels
Imaging Algorithm	Self-developed image correction algorithm
Image Processing	Image cropping, rotation, inversion, contrast adjustment, etc.
Data Processing	High-precision intelligent band grayscale analysis
Image Output	Export in multiple resolutions: 300dpi, 600dpi, 1200dpi
Data Management	Multi-level account system automatically generates an image database
Other Features	3D image viewing, overexposure warning, etc.

RWD Life Science Co.,Ltd

Add: 9/F, 19/F, 20/F, Building 7A, Shenzhen International Innovation Valley, XiLi Street, Dashi 1st Road, Nanshan District, Shenzhen **Web:** www.rwdstco.com **E-mail:** rwd@rwdstco.com

RWD Life Science Inc.

Add: 6540 Lusk Blvd, Suite C161 San Diego, CA 92121
Tel: 1-858-900-5879 **Tech support:** service@rwdstco.com