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DUTSCHER GROUP

qTOUCH WESTERN-BLOT IMAGER

RWD
RWD Life Science

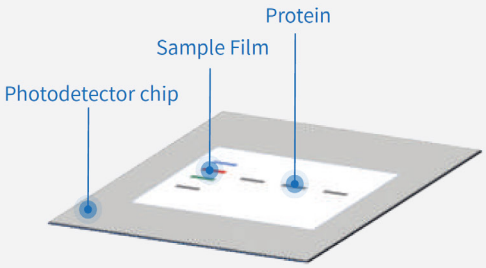
- RWD qTouch Western Bolt Imager consists of a main unit and a computer and is a contact imaging device with a large 150 cm^2 photoreceptive chip. It is capable of non-destructively collecting light signals from Western-Blot, Southern-Blot, and Northern-Blot.
- The device has a wide quantitative linear range, capable of capturing both strong and weak signal samples, and the imaging speed is extremely fast, with most samples being imaged within 1 second.
- The software that comes with it is comprehensive, supporting automatic and manual exposure as well as gray level analysis of Western Blot bands, and is also capable of processing and exporting analysis results of up to 40 images.
- In addition, the device also has multi-user management functions, allowing users to set personalized file saving paths to ensure data security and convenience.
- Despite its powerful functions, the device is compact in size, occupies little space, and is easy to transport and carry.

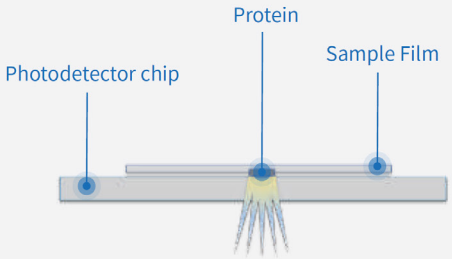




High Sensitivity

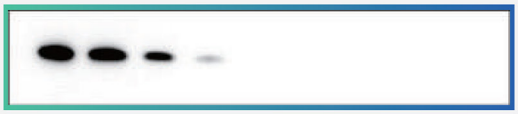
- Imaging with direct contact between the photodetector chip and the sample membrane.
- Reduces light signal loss by more than 99%, capturing extremely weak signals.
- Improves sensitivity and quantitative range by two orders of magnitude.
- Three sensitivity levels for adjustment to fit a wider range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



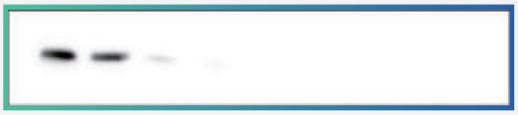


Rapid Imaging

- 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.



RWD qTouch



Cold CCD imaging device

Technical Parameters

Parameters	Description
Imaging Area Size	150cm²
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 levells
Imaging Algorithm	Self-developed image correction algorithm
Image Processing	Image cropping, rotation, inversion, contrast adjustmentt, 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 irmage database
Other Features	3D image viewing, overexposure warning, etc.

Part no.	Model	Description
041-413861	qTouch	QTOUCH WESTERN BLOT IMAGER

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