

Application

- Chemiluminescence Imaging, ECL Western Blotting;
- Fluorescence Imaging, Fluorescent Western Blotting;
- Gel Doc Application;
- Protein gel, SDS Pages.

Specification

Model		UB-Classic 100	UB-Classic 523
Cooled Digital Camera	Sensor	Back illuminated CMOS Sensor	Front illuminated CCD Sensor
	Resolution	9.0 Megapixels	6.0 Megapixels
	Pixel Size	3.76 × 3.76 μm	4.54 × 4.54 μm
	Temperature	-60 ° C below ambient (-30 ° C regulated)	
	Dynamic Range	4.8 OD	
	Pixel Density	16bit (65536 Grey scales)	
	Bining Mode	1x1, 2x2, 4x4, 5x5, 6x6, 8x8	1x1, 2x2, 4x4, 5x5, 6x6, 8x8, 12x12, 16x16, 24x24
Lens	Electronic Lens	F0.95 as standard (optional F0.8) Auto focus	
	Chemi Imaging	4 layers manual sample tray	
	Gel Documentation	UV transilluminator (Area 21x26cm), Blue transilluminator (optional)	
	Protein Gels	White LED transilluminator (Area 19x26cm)	
	Optional Module	Epi-UV, RGB and NIR fluorescent detection	
Filter Wheel	5 Positions	Standard 5 positions filter wheel, Max. 8 positions	
Power Supply	110~220V, 50/60Hz		
Overall Dimension	43×36×70cm		
Weight	21kg		
Software	Capture	UBEP Capture Software	
	Analysis	UBEP Analysis Software	

*Ultrassay BioTech Co., Ltd. reserves the right of final interpretation of different specifications.

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Multifunction Imaging System

Classic Series



Product Feature

Ultrassay Classic Series Multifunction Imaging Systems provide high performance with ease of use for visible light (RGB) and far red/near infrared (FR/NIR) fluorescence and chemiluminescence detection and all general gel documentation applications. All SHST's Imagers adopt sensitive cameras in the world-first class, which allow the imaging systems to capture utter weak signals of the bands.

Super sensitive cooled digital camera

High Sensitivity, High resolution, High performance for long exposure time up to 30 mins (UB-Classic 100) and 60 mins (UB-Classic 523).

4 layers sample trays

Fixed 4 layers sample trays for different sizes of chemiluminescence samples.

Various LED light sources

UV transmission, White transmission, Blue transmission, Epi-White and Epi-RGB light sources are optional.

Upgrade to fluorescence module

Upgrade to fluorescence module available (Incl. Visible RGB and NIR).