

Application

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

Specification

| Model | UB-Magic 100 | UB-Magic 523 |
|-------------------------------|---|---|
| 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 | -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 | F0.95 as standard (optional F0.8) Auto focus | |
| View Area | Standard 18.5x16cm, Optional 22x18cm | |
| Chemiluminescence Sample tray | Electronic Lifting Platform for diverse sizes of western blotting membranes | |
| DNA/RNA detection | Electronic Lifting Blue LED Transmission for DNA/RNA detection | |
| Protein Gel, SDS Page | Electronic Lifting White LED Transmission for Protein Gels | |
| Software | UBEP Capture and Analysis Software for unlimited number of users | |
| Power Supply | 110~220V, 50/60Hz | |
| Overall Dimension | 45×39×71cm | |
| Weight | 40kg | |
| Optional Accessories | Epi-UV, RGB and NIR fluorescent detection | |
| | Removable PC with 13.1 Inch Touch Screen, RAW 4GB/SSD 256GB, WIN10 | |

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

Ultrassay BioTech Co., Ltd.

Add: RM3018 Poly D9, No. 999 Luzhou Avenue, Baohe District, Hefei, Anhui, China
 Tel: +86-551-62881663
 E-mail: info@ultrassay.com
 Website: https://ultrassay.com



Multifunction Imaging System

Magic Series



Product Feature

Ultrassay Magic Series Multifunctional Imaging system 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 doc -umentation applications. They adopt electronic lifting platforms to adjust the best capture area for diverse sizes of the different samples. The removable PC, which is an optional accessory, runs quickly and feasibly, and avoids any after sales risks caused by embedded Windows Pad.

Super sensitive cooled digital camera

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

Electronic lifting platform

Electronic Lifting Platform for diverse sizes of different 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).