Automatic Gel Imaging System

Model **MSCLBHY4SWISS** | Brand **Master Science**



Automatic Gel Imaging System

The MSCLBHY4SWISS Integrated Automatic Gel Imaging System is a versatile and efficient solution for laboratories needing high-resolution imaging for nucleic acid detection. Its advanced features and ergonomic design enhance productivity and imaging accuracy.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Key Features

- Equipped with a dark field camera module featuring F 1.0 super aperture.
- 20-megapixel resolution ensures precise imaging and analytic capabilities.
- Large 12.5-inch HD touch display for one-touch imaging and intelligent image processing.
- Utilizes multilayer-coated filters designed for absolute stray light suppression, enhancing imaging clarity.

Technical Specifications

PARAMETER	SPECIFICATION
ParameterSpecification	
Camera Resolution6.0 MP	
Photosensitive Efficiency≥79%	
Exposure Time1 ms - 5000 ms	
Pixel Density16 Bits (0-65535)	
Optical Density (OD)≥4.8 OD	
LensLarge aperture autofocus lens F=1	1.2, 20 MP
UV Transmission302 nm (optional transmitted blue light available)	
White Light ReflectionLED reflection (cold light)	
White Light TransmissionWhite light conversion sample board	
FilterStandard 590 nm, optional filters available	

PARAMETER	SPECIFICATION
Shooting Area	21 × 21 cm
Timer Shut Down	1-60 min
Touch System	12.5-inch touchscreen
Power Supply	110-240V, 50/60 Hz
Packing Size	453 × 461 × 669 mm
Gross Weight	22.9 kg

Applications

- **Ethidium Bromide (EB)**
- **SYBR Gold, SYBR Green, and SYBR Safe**
- **GelRed, GelGreen**
- **Texas Red**
- **Fluorescein-labeled DNA/RNA**