ImageQuant 150 imager

High resolution for gel documentation

The ImageQuant™ 150 creates permanent records of your experimental results for archiving or publishing. Economical and easy to use, it's small enough to fit on your desk but powerful enough to record your electrophoresis gel and blotting membrane results.

The ImageQuant 150 imager, with its 8-bit digital camera, gives you high-resolution images primarily for documentation, but also analysis of your Coomassie™ Blue–stained gels, colorimetric detections on membranes, and fluorescent-stained gels. There is no need for film detection.

You can control the camera with a PC using ImageQuant Capture software. The flip-up LCD screen also allows you to view and capture images directly, without connection to a computer. For image analysis we recommend using ImageQuant TL software.

The ImageQuant 150 imager is a compact, easily installed system. It consists of a digital camera with a motorized 4× zoom lens, and a dark hood. (Fig 1). The imager also comes with an ethidium bromide (EtBr Orange) filter. Optional UV Transilluminator (302 nm/365 nm) and white light Transilluminators are available.

Fig 1. ImageQuant 150 imager.

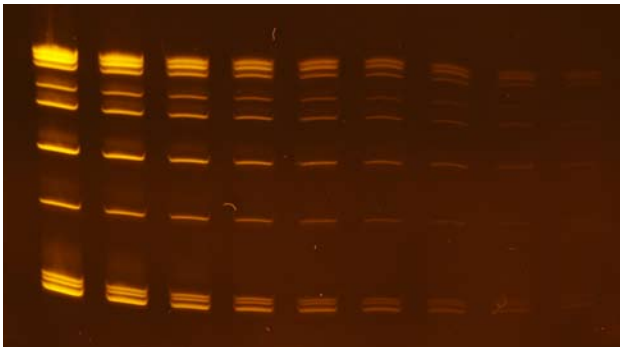

Fig 2. Kilo Base DNA marker in a two-fold dilution series starting at 1 µg down to 1.9 ng of total DNA separated on 4-12 % TBE gel post-stained with Ethidiumbromide, UV 302 nm.

Features

- Highest resolution at 10.0 megapixels
- Digital camera for color and grayscale image capture
- Real-time sample positioning—easy and quick
- LCD screen image capture without computer*—save space and money

* *Files stored on the included camera memory card are stored as .jpg files, while using the included ImageQuant Capture SW on a PC allows to store images both as .jpg and as .tif file format.*

ImageQuant 150 specifications

Camera	Canon Powershot A 640
Data acquisition	8-bit
Resolution	10.0 megapixels
Grayscales	256
Aperture range	f/2.8-f/4.1, 7.3 mm-29.2 mm
Exposure times	15 s-1/2500 s
Standard configuration	IQ 150 Camera, a Custom hood with mounted gasket, bracket, Quick-fit connector, Extender with 2 diopter lenses and Orange filter pre-installed, USB cable, Power adapter, IQ 150 Capture Software
Light sources	See Accessories
Filters	Orange Filter included. Green filter and Blue filter available as accessories
Applications	Fluorescence Absorbance/colorimetry

Ordering information

ImageQuant 150	28-9341-88
ImageQuant 150 with ImageQuant TL software	28-9359-61

Accessories

UV Transilluminator	28-9002-07
IQ150 White light 110 V	63-0056-68
IQ150 White light 220 V	28-9359-62
Orange Filter IQ150	28-9379-84
Green Filter IQ150	28-9379-88
Blue Filter IQ150	28-9379-90

Related products

miniVE Vertical Electrophoresis system	80-6418-77
SE260 Mini-Vertical Unit for two slab gels	80-6149-35
SE600 Ruby Standard Dual Cooled Vertical Unit	80-6479-57
EPS 301 Power Supply	18-1130-01
IQ TL Software package 7.0 (DVD and getting started)	28-9194-45
IQ TL 1-User License 7.0 (license only)	28-9236-62

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