



GDS-01



GDS-01, Digimage System

The Digimage System is a simple, compact gel documentation system with a rear digital control panel. It contains a digital camera with a superb resolution of 14.7 mega pixels. The image is viewed from a large 8" TFT colorful screen. For limited space, low budget requirements, the Digimage System can be operated computer free. A variety of images can be captured from agarose and other fluorescent gels, colorimetric gels, auto radiography film, and blotting membrane. A safety switch is equipped to turn off the UV Transilluminator automatically when the front door is opened. Files can be saved in a variety of formats, including RAW format, for transfer to a computer for storage and analysis. The Digimage System can also directly connect to a thermal printer for printing the result immediately.

Features:

- 10.0 megapixel digital camera
- High resolution 8" TFT screen
- Digital control panel
- Compact chamber and lightweight
- Multi focus area selection
- Built-in UV transilluminator
- Can be operated computer free
- Connect port for thermal printer
- Inner 2 x 3 watt white light LED
- Safety door switch
- Multi power source
- Optional gel analysis software package available
- Universal rated voltage: 100~240V.

This product is offered as a complete system for the user to perform image capture, including: 1 x Digimage System hood ● 1 x 147 mega pixels digital camera ● 1 x DC coupler ● 1 x lens adaptor ● 1 x 8" colorful TFT screen ● 1 x 2GB memory card ● 1 x memory card reader ● 1 x EtBr filter or SYBR Filter optional).

Specifications:

Model	GDS-01
Camera	Cannon ® Power SHop G11
Type	5 x optical 14 x digital zoom digital camera
Effective Pixels	approx. 10.0 megapixels
CCD	1/1.7" high-density CCD, total pixels 15.0 million
Maximum Aperature	f/2.8 (W) - f/4.5 (T)
Shutter Speed	15 ~ 1/4000 sec.
Filters	+3 Close up filter and EtBr or SYBR Green filter (optional)
Storage Media	memory card
Computer Interface	USB 2.0 Hi-Speed (mini-B jack)
Video Out	NTSC 1 PAL
Multi-power Source	For camera, inner white LED, TFT screen
Inner White light	2 white LED, 3 watt/LED
Safety Device	Safety door switch
Unit Dimension (mm)	W290xD220xH320
Rated Voltage	110V ~ 240V
Unit Weight	approx. 6.1 kg
Screen Type	8" TFT crystal screen
Resolution	800x600pixels
Brightness	350cd / m ²
Constant Ratio	300 : 1
Display Mode	NTSC / PAL / SECAM mode auto switching