

D-DiGit Gel Scanner

Complete nucleic acid gel analysis documentation
Make your nucleic acid gel imaging safe and worry-free



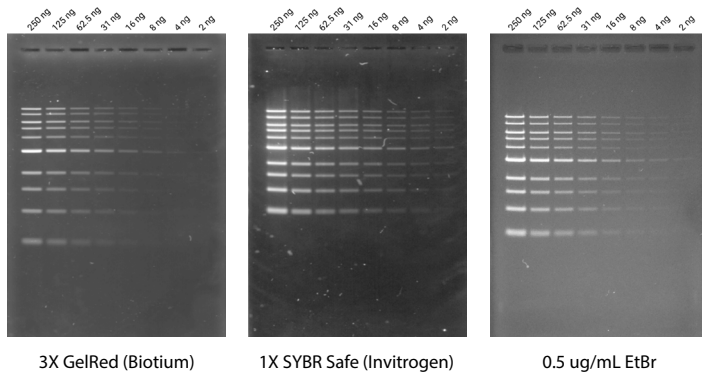
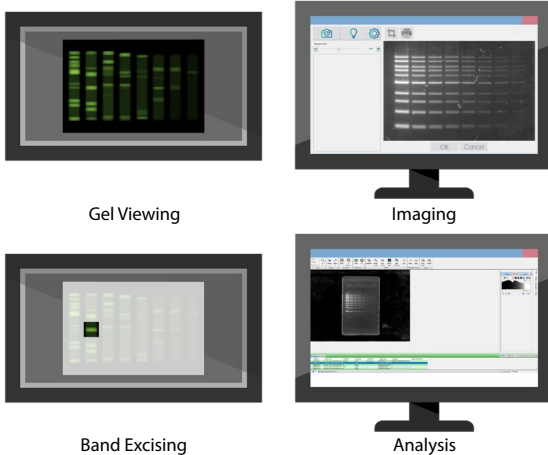
Safeguard your lab and research

Perform your nucleic acid gel imaging with a safe, consistent, single-system workflow with the D-DiGit Gel Scanner.

- UV-free imaging
- Safer stain alternatives

Streamline your workflow and improve protocol efficiency

Get the most out of your gel imager. Scan gels, small and large; excise bands; document your work; and visually analyze data; all on a single, compact platform.



Get the complete picture with excellent sensitivity

Get the complete picture without compromising data quality. Excellent sensitivity provided by the optical system and fluorescence chemistry lets you detect even minute quantities of sample with confidence.

Specifications:

Image Area

17.8 cm L x 12.7 cm W (7" x 5")

Resolution

150, 300, and 600 dpi

Operating Temperature

5-40 °C (41-104 °F)

Relative Humidity

20% to 85%

Detector Type

CCD

Light Source

Blue LED

Exposure Times

4X (default, 40 sec); ranges from 0.25X to 24X

Scanning Modes

16 bit grayscale or 8 bit grayscale

Image File Format

JPG (8 bit), TIFF (8 or 16 bit)

Excitation

475 nm (\pm 15 nm)

Emission

\geq 520 nm

Sensitivity

0.04 ng per band

Interfaces

Hi-Speed USB (USB 2.0)

Voltage

AC 100-240V, 50-60 Hz, 1.5A maximum (input);
DC 15V, 2.5A (output)

Power Consumption

37.5 W maximum

Power Supply

Voltage: AC 100-240V
MFR: HARD
Model No.: HDAD38W101

Product Includes

D-DiGit Blot Scanner, viewing shield, power cord, power adapter, USB cable, quick start guide

Dimensions

30.48 cm L x 30.48 cm W x 12.70 cm H
(12" x 12" x 5")

Weight

4.8 kg (10.56 lbs) without viewing shield
5 kg (11 lbs) with viewing shield

Software Specifications

Pentium IV PC; 300 MB HDD or above; 512 MB RAM or above;
Microsoft Windows 7, 8, or 10



Compatible Safe Stains

SYBR® Safe DNA Gel Stain

SYBR® Gold Nucleic Acid Gel Stain

SYBR® Green I Nucleic Acid Gel Stain

Diamond™ Nucleic Acid Dye

GelGreen™ Nucleic Acid Gel Stain

GelRed™ Nucleic Acid Gel Stain

Midori Green Direct

Midori Green Advanced DNA Stain

GreenView™ Nucleic Acid Gel Stain

GreenView™ Plus Nucleic Acid Gel Stain

GreenView™ Ultra DNA Gel Stain

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