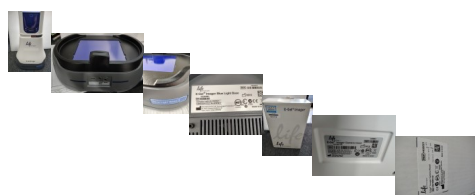


Life Technologies Invitrogen E-Gel Imager Gel Documentation System - in Original Box





Includes E-Gel Imager Camera Hood and E-Gel Imager Blue Light Base

Rating: Not Rated Yet

Price

Sales price \$1,250.00

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Manufacturer [Thermo Scientific](#)

Description

The Invitrogen E-Gel Imager Gel Documentation System (from Life Technologies, now part of Thermo Fisher Scientific) is a compact, personal imaging system designed for capturing, documenting, and analyzing agarose gels and E-Gel cassettes. It excels in visualizing DNA/RNA samples stained with fluorescent dyes like SYBR Safe or ethidium bromide, supporting real-time imaging during electrophoresis runs. The system is particularly suited for low-throughput labs, offering ease of use without the need for darkroom setups. Includes the E-Gel Imager Camera Hood (for image capture) and the E-Gel Imager Blue Light Base (for safe, non-UV excitation of blue-light-compatible stains), making it ideal for safer DNA visualization to minimize sample damage. The Blue Light Base enhances safety by avoiding UV exposure, which can nick DNA, making it preferable for cloning workflows.

Applications

Nucleic Acid Visualization: Documents DNA/RNA in agarose gels or E-Gel cassettes stained with SYBR Safe, SYBR Green, or other blue-excitable dyes.

Real-Time Monitoring: Tracks sample migration during runs for quick optimization.

Analysis: Quantifies bands, estimates molecular weights, and performs basic manipulations; supports export to formats like TIFF, JPEG, BMP, PNG.

Lab Workflow: Ideal for molecular biology, cloning, PCR verification, and routine gel documentation; pairs well with E-Gel Power Snap or iBase systems for integrated electrophoresis.

Specifications

Camera: Scientific-grade, high-resolution digital camera (compact, mounted in hood)

Resolution: High-resolution imaging with universal filter for sharp, rich images

Illumination: Blue Light Base: LED transilluminator (~460 nm peak output for SYBR dyes); safe for DNA, no UV damage

Real-Time Capture: Yes, images gels during electrophoresis runs

Components Included: Camera Hood, Blue Light Base, power cable

Dimensions (H x W x D): ~10" x 8" x 6" (25 x 20 x 15 cm) for hood/base combo; benchtop footprint

Weight~5–7 lbs (2–3 kg) total

Power Supply: 100–240 V, 50/60 Hz; includes AC adapter

Comes with our 90-day warranty.

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