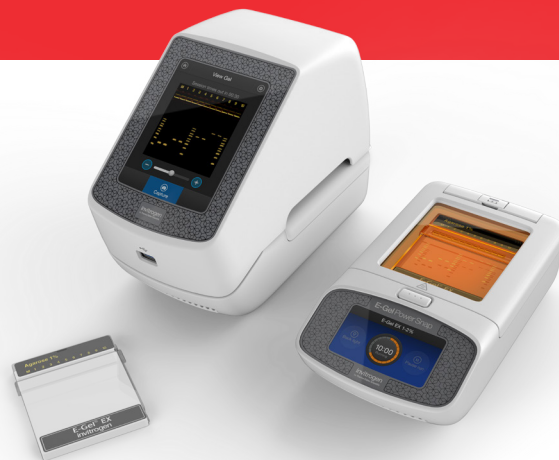


Streamline analysis, expand possibilities



Introducing the E-Gel Power Snap Electrophoresis System—the only integrated gel running and imaging platform

The Invitrogen™ E-Gel™ Power Snap Electrophoresis System combines rapid, real-time nucleic acid analysis with high-resolution image capture for unmatched convenience. The E-Gel Power Snap system's integrated design helps reduce workflow time, accelerates discovery, and offers:

- **Faster analysis**—go from sample loading to image capture in as little as 15 minutes
- **Safer handling**—eliminate handling of hazardous chemicals when used with Invitrogen™ E-Gel™ precast gel cassettes

Technical specifications—Invitrogen™ E-Gel™ Power Snap Electrophoresis Device

Dimensions	24 x 13 x 7 cm
Weight	1 kg
Touch-screen LCD display	7.7 x 4.4 cm
LED light	Blue LED Center wavelength: 465 nm; Full width, half max: 20 nm
Viewing surface dimensions	9 x 11 cm
Amber filter dimensions	8.6 x 10.5 cm
LED life	50,000 hours
LED specification	Array of 12 high-power LEDs with emission wavelength at 465 ±10 nm

Technical specifications—Invitrogen™ E-Gel™ Power Snap Camera

Dimensions	26 x 13 x 15 cm
Weight	1 kg
Touch-screen LCD display	11.5 x 8.6 cm
Camera type	Color, complementary metal-oxide semiconductor (CMOS)
Gel-image resolution	1,600 x 1,944 (3 MP), 8 bits
Dynamic range	68 dB
Image output	TIF (gray scale) and JPG (color) file formats
Lens f-number	2.8
Internal memory	32 GB



E-Gel precast agarose gel compatibility and protocol guide

The E-Gel Power Snap Electrophoresis Device is compatible with the following E-Gel precast agarose gels and contains preloaded default run time protocols.

E-Gel precast agarose gels	Default run time (min)	Maximal run time (min)
E-Gel EX gels (1%, 2%)	10	20
E-Gel EX gels (4%)	15	20
E-Gel SYBR Safe gels (1.2%, 2%)	26	40
E-Gel gels (0.8%, 1.2%, 2%)	26	40
E-Gel gels (4%)	30	40
E-Gel Double Comb gel (0.8%, 2%)	13	20
E-Gel CloneWell II gel (0.8%)	12	40
E-Gel SizeSelect II gel (2%)	8	20
E-Gel NGS gels (0.8%)	26	32
E-Gel Go! gels (1%, 2%)	15	30

Select the E-Gel precast agarose gels that are right for you at thermofisher.com/egels

Ordering information

Product	Cat. No.
E-Gel Power Snap Electrophoresis Device	G8100
E-Gel Power Snap Electrophoresis Camera	G8200
E-Gel Power Snap Electrophoresis System	G8300
E-Gel Power Snap Electrophoresis System Starter Kit, E-Gel EX gels (1%)	G8341ST
E-Gel Power Snap Electrophoresis System Starter Kit, E-Gel EX gels (2%)	G8342ST
E-Gel Power Snap Electrophoresis Device Starter Kit, E-Gel SizeSelect II gels (2%)	G8162ST

Find out more at thermofisher.com/powersnap