

Продукты для электрофореза, системы визуализации смартфонов, мини-системы электрофореза, электрофорезы с окрашивателем, аксессуары

Виды аксессуаров: алюминиевые кассеты для автордиографии, источники питания для электрофореза, синечувствительные автордиографические пленки, аксессуары для обработки изображений на основе геля,

Технические характеристики

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Cole-Parmer® Smartphone Gel Imaging Systems



Captures high-quality gel images with any smartphone

- Ideal for common safe stains
- Blocks ambient light for superior gel images
- Accommodates multiple gel sizes and thicknesses
- Compatible with existing UV or blue light transilluminators

The compact gel imaging enclosure features an orange photo filter allowing you to instantly capture quality electrophoresis gel images with any smartphone camera. These images can be transferred to a computer for storage or further analysis. An extending adapter provides full-dimension imaging of gels up to 15 x 15 cm or can be removed for close-up pictures. The imaging enclosure is designed to fit onto most standard UV and blue light transilluminators.

Order a complete gel imaging system with illumination base for safe viewing of nucleic acids in agarose gels. The blue light LED illumination base produces a peak output of 460 nm for optimum excitation of nucleic acids stained with safe green dyes. It is safe to use and will not damage the DNA samples. The orange filter on top of the base absorbs blue light, allowing visualization of the fluorescing samples. The filter can be angled for gel access and cutting out DNA bands for further study.

item	Filter Wavelength (nm)	Description
EW-28570-02		Gel Imaging Enclosure with Orange Photo Filter

item	Filter Wavelength (nm)	Description
 EW-28570-03	460	Gel Imaging Enclosure with Blue Light Illumination Base, 115 V
 EW-28570-04	460	Gel Imaging Enclosure with Blue Light Illumination Base, 230 V

Cole-Parmer® Mini Electrophoresis System



Quick and easy, no spacers or clamps required

- Visualize your run with the viewing area above the gel box
- Quickly run gels with selectable parameters using the membrane keypad
- Compact footprint ideal for small laboratories or classrooms

This complete horizontal mini electrophoresis system includes everything needed to get up and running. The system is designed for separating nucleic acids in agarose gel. Selectable parameters include three preset voltages – 35, 50, and 100V, as well as a timer that has a range of 0 to 99 minutes or for continuous use. The safety lid is vented to dissipate heat during the electrophoresis process. The current will only run through the system when the lid is properly in place.

The gel trays feature a dark contrast strip to help visualize wells while loading. In addition, the lines fluoresce under UV and blue light to help track the progress of the sample during the run.

item	Buffer Solution Required (mL)	Power (VAC)	Description
 EW-28559-11	230	115	Mini electrophoresis system; 115V

item	Buffer Solution Required (mL)	Power (VAC)	Description
 EW-28559-16	230	230	Mini electrophoresis system; 230V

Cole-Parmer® Aluminum Autoradiography Cassettes



Get the results you need affordably

- Constructed from lightweight aluminum and nylon
 - Special curved door gives exceptional screen-film contact
- Aluminum Cassettes have a push-button front for easy use. The lightweight cassettes feature a curved door with a nylon-covered foam cushion to provide exceptional screen contact.

item	Length (InchShort)	Material	Width (in)
 EW-21700-33	5	Aluminum and Nylon	7

item	Length (InchShort)	Material	Width (in)
 EW-21700-35	8	Aluminum and Nylon	10
 EW-21700-37	10	Aluminum and Nylon	12

Cole-Parmer® Electrophoresis Power Supplies



Electrophoresis runs have never been easier

- Compact power supplies fit anywhere in a lab
- Simply use for quick and easy electrophoresis runs
- Ideal for protein or nucleic acid separations

The Cole-Parmer® electrophoresis power supply is a compact electrophoresis power supply ideal for basic, constant voltage applications.

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item	Output Current	Output Voltage	Description
 EW-28407-51	200 mA	100V or 200V	Mini-Electrophoresis Power Supply; 115V

item	Output Current	Output Voltage	Description
EW-28407-52	200 mA	100V or 200V	Mini-Electrophoresis Power Supply; 230V
EW-28407-53	5 - 400 mA	10 - 300V	Touch Screen Electrophoresis Power Supply; 115V
EW-28407-54	5 - 400 mA	10 - 300V	Touch Screen Electrophoresis Power Supply; 230V

Cole-Parmer® Blue-Sensitive Autoradiography Film



Get the results you need at an affordable price

- Double emulsion film gives you sharp contrast and exemplary resolution for DNA sequencing
 - Single-sided film offers exceptional clarity and low background
- Ideal for western blotting, DNA sequencing gels, chemiluminescent probes, gel shift analysis, and commonly used radioisotopes (32P, 125I). Use for manual or automatic development.

item	Description
EW-21700-01	Blue-Sensitive Autoradiography Film, 5x7", 100/pk

item	Description
 EW-21700-03	Blue-Sensitive Autoradiography Film, 8 x 10", 100/pk

Cole-Parmer® Electrophoresis Loading Dye/Stain



Safely replaces hazardous ethidium bromide (EtBr)

- Better sensitivity than EtBr (down to 0.1 ng)
- Ideal for excitation of nucleic acids with UV or blue light
- Ships at ambient temperature

These stains are ideal for replacing hazardous ethidium bromide (EtBr) in agarose and polyacrylamide gel electrophoresis. They are best suited for the excitation of nucleic acids with UV or visible blue light transilluminators. Both stains are environmentally safe, nonmutagenic, and require no special methods of disposal. It is recommended they be stored at 39.2°F (4°C).

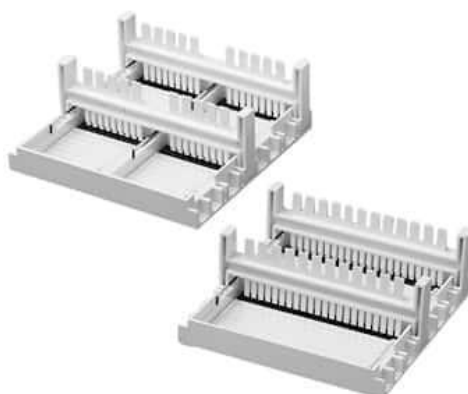
The loading dye with stain, supplied at 6x concentration, can be added directly to the samples. No dye needs to be added to the gel or running buffer. When bound to dsDNA, ssDNA or RNA, it emits a green fluorescence.

The prestain emits green fluorescence when bound to dsDNA or ssDNA and emits red fluorescence when bound to RNA. It exhibits excitation peaks at 290 nm and 490 nm.

item	Volume (mL)	Description
EW-88069-70	1	Loading Dye with Safe Green Stain for nucleic acid gels

item	Volume (mL)	Description
 EW-88069-71	1	Safe Green Prestain for Nucleic Acid Gels

Cole-Parmer® Mini Electrophoresis System Accessories



Optimize performance of your mini electrophoresis systems

- Compatible with Cole-Parmer® Mini Electrophoresis Systems
These accessories can be used with the mini electrophoresis systems 28559-11 and 28559-16.

item	Connections	Compatible With	Description
 EW-28559-12	22/ 12 Teeth	28559-14 Casting Set; 28559-11 and 28559-16 Mini Electrophoresis Systems	Reversible Combs, 22/ 12 Teeth; 2/Pk
 EW-28559-13	18/ 10 Teeth	28559-15 Casting Set; 28559-11 and 28559-16 Mini Electrophoresis Systems	Reversible Combs, 18/ 10 Teeth; 2/Pk
 EW-28559-14	22/ 12 Teeth	28559-11 and 28559-16 Mini Electrophoresis Systems	Gel Casting Stand for 10.5 x 6 cm Gels, 22/ 12 Teeth; 2/Pk
 EW-28559-15	18/ 10 Teeth	28559-11 and 28559-16 Mini Electrophoresis Systems	Gel Casting Stand for 5 x 6 cm Gels, 18/ 10 Teeth; 2/Pk

Cole-Parmer® Smartphone Gel Imaging Accessories



Compatible with all Cole-Parmer Smartphone Gel Imaging Systems

item	Description
 EW-28570-01	Gel Imaging UV Blocking Mat
 EW-28570-06	Gel Imaging Narrow Band Pass Filter; 535 nm
 EW-28570-07	Gel Imaging Narrow Band Pass Filter; 590 nm



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