Contents   Catalog Number G8200

Components	Amount
E-Gel™ Power Snap Camera	1 each

Product description

- The Invitrogen™ E-Gel™ Power Snap Camera is designed for effortless image capture and documentation of pre-cast E-Gel™ agarose gels when used with the E-Gel™ Power Snap Electrophoresis Device.
- The cable-free camera fits seamlessly with the electrophoresis unit to enable image capture during a run without the need to interrupt the workflow.
- High-resolution color images are digitally captured without the need for focusing or adjustment.

Required materials

- E-Gel™ Power Snap Electrophoresis Device (Cat. No. G8100)
- USB memory device

Important guidelines

- The E-Gel™ Power Snap Camera displays a still image in gel view mode to avoid over-heating, however, samples will continue to migrate. Pause the gel before viewing, if it is necessary to capture images of bands that have migrated a specific distance on the gel.
- Still images refresh when the exposure controls are used.
- Use the E-Gel™ Imager with the E-Gel™ UV light base or other UV transilluminator for viewing E-Gel™ agarose gels with ethidium bromide. The blue-light transilluminator does not provide the optimal excitation spectrum for viewing ethidium bromide stained gels.

Online resources

- Visit our product pages for protocols, safety, and additional product information.
- Go online to view related E-Gel™ products.
- For support, visit thermofisher.com/support.

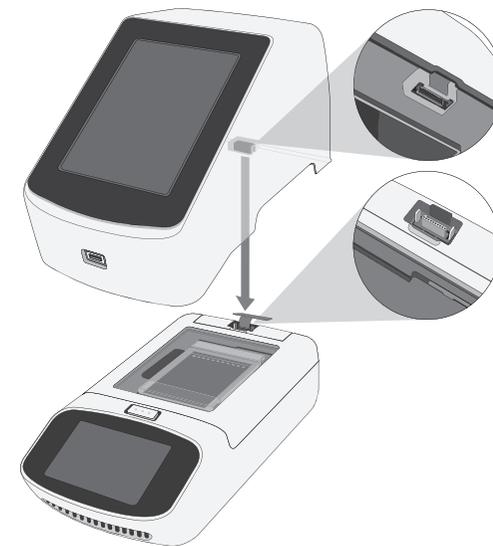## Instrument setup

1. Remove rubber connector plug.
2. Gently place the E-Gel™ Power Snap Camera on the electrophoresis device with the camera and docking connectors aligned, then snap the camera in place.
3. The camera screen will briefly display a welcome screen, which will change to the home screen when it is ready for use.

Set date and time

Set the date and time on the camera upon first use.

1. Select ⚙ .
2. Select **Instrument Settings**.
3. Select **Date/Time**.
4. Choose the date and time format, then select **Done**.
5. Set the current date and time, then select **Done**.

ⓘ Troubleshooting

For detailed troubleshooting instructions see the E-Gel™ Power Snap Electrophoresis System User Guide at thermofisher.com or contact Technical Support.

ⓘ Limited product warranty and licensing information

For Research Use Only. Not for use in diagnostic procedures.

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Image capture protocol

This protocol describes how to use the E-Gel™ Power Snap Camera to capture images of E-Gel™ agarose gels. For detailed instructions see the E-Gel™ Power Snap Electrophoresis System User Guide at thermofisher.com or contact Technical Support.

Step		Action
1		**View gel**	a. Press **View Gel** on the status dial in the home screen to visualize the current gel run. b. Adjust exposure settings if necessary.

2	Capture	**Capture image**	a. Select **Capture** to save the gel image to internal memory.
			b. (*Optional*) Select **Edit** to adjust image capture settings.
			  ▪ Select the desired image adjustment option from the dropdown list.
			  ▪ Use +/− or move the slider to adjust settings.
			  ▪ Select **Done** to confirm changes.

3	Export	**Export image**	a. Insert a USB memory drive to the camera. b. Select **Export** to export the currently visualized gel image. c. (*Optional*) Select **Edit Info** to change file names. d. Select **Done** to confirm changes.
4	Gallery	**Export from Gallery**	a. Insert a USB memory drive to the camera. b. Select **Gallery** to export images saved to internal memory. c. Select the image files to be exported. d. Select **Actions**. e. (*Optional*) Select **Edit Info** to change file names. f. Select **Export**.

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