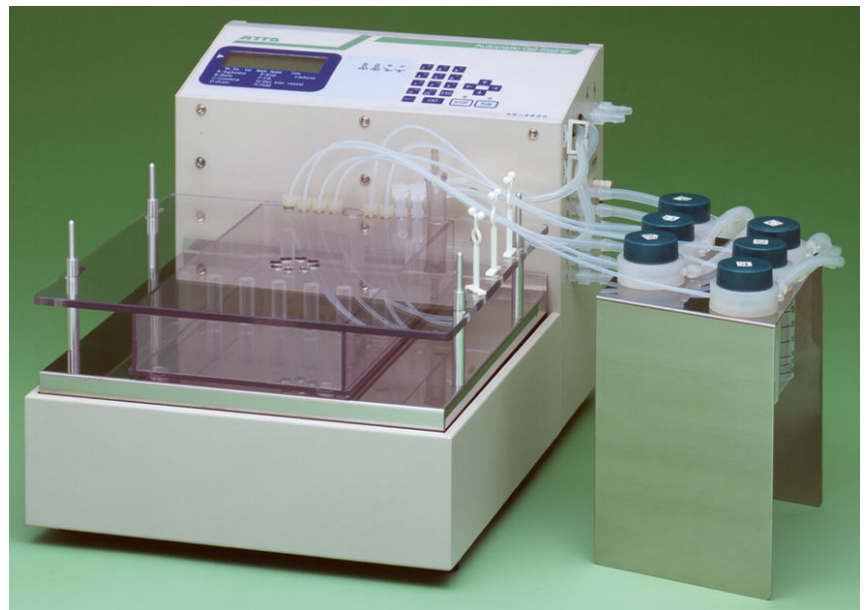




Programmable Gel Stainer for Your Own Protocol

AE-6630 Automatic Gel Stainer

- For automatic staining of gel or membrane, programmable with custom protocols
- For staining:
Polyacrylamide or agarose gel
Western-blot membrane
Dot-blot membrane
- For staining with:
Silver-stain technique
Reverse-stain technique
Dye stain techniques
- For antigen-antibody or enzyme reaction after blotting
- For saving time and labor in your electrophoresis routines

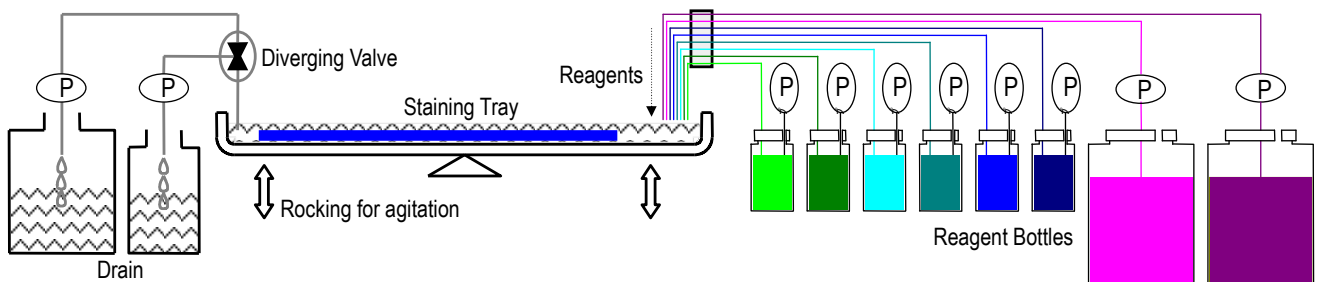


Electrophoresis

Has been utilized as an essential, separation and analysis tool for modern research studies in high molecule biological substances, and electrophoresis techniques have been developed and advanced for faster separation and higher resolution. However, as for detection of components that have been separated by electrophoresis, development of mechanisms effective for various gel staining methods has been slow, and it usually takes a long time after electrophoresis to visualize separation.

Automatic Gel Stainer

Provides automation of gel staining procedures by programming a series of procedures. It allows an operator to program customized staining procedures to accord with various electrophoresis techniques. Then, an operator may walk away after setting gels and reagents, so that a series of procedures will be performed automatically. It releases researchers from the job that takes time as well as labor and that might be most boring but critical. It also contributes to higher repetitiveness of staining.



AE-6630 Gel Stainer

Accepts up to 8 reagents in six 35 mL bottles and two 2 L bottles. Since it incorporates individual pumps for respective reagents, each reagent can be delivered in a given volume and by given timing. Preparation of dilute reagents is not required, as dilution can automatically be made with water as one of reagents. Gel or membrane is put in a staining tray, which is set on a rocking platform. The standard tray accommodates 2 mini gels. For agitation of solution in the staining tray, the tray is rocked with a choice of rocking speed and by given timing. Solution can be drained in a given volume and by given timing, with a draining pump. Drain may be diverged with an optional diverge valve.

Operation is made with a key-pad control panel incorporating an LCD display and LED indication lights. Operation parameters, such as selection of reagents, volumes of reagents, timing to supply reagents (at either simultaneous or different timing), timing of agitation, selection of rocking speed, timing of drain can be entered, to set up sequential steps for a series of operation. An operation program can be stored with a given name, for readily starting automatic operation or for editing on later operation. It offers unattended operation of start-to-end staining procedures, and flexibility of programming individual parameters affords compatibility with a variety of conventional or modern staining techniques.

AE-6630 Automatic Gel Stainer

Specifications:

Reagent accommodation	2 L × up to 2 bottles 35 mL × up to 6 bottles
Reagent delivery	8 pumps for respective reagents
Drain delivery	1 pump for 1 reservoir Optional diverging valve for 2nd reservoir
Staining tray	Standard: 14.5 × 26 × 4 cm tray for 2 mini gels Optional: 25 × 26 × 4 cm tray for 4 mini gels Optional: 18 × 26 × 4 cm tray for 1 standard gel Optional: 14.5 × 26 × 4 cm tray for 1 mini-gel blot membrane
Tray rocking speed	7 speeds
Programmable parameters	Selection of reagents Volume of reagent to be supplied Time of rocking staining tray Rocking speed of staining tray Volume of draining Selection of operation modes
Programmable step	Combination of parameters, up to 9:59:59 hours
Programmable file	Up to 48 steps per file
File storage	Up to 20 files
LCD display	20 characters × 4 lines
Electricity	110 or 230 VAC, 50/60 Hz, 60 VA
Dimensions (W × D × H)	28 × 40.6 × 26 cm

Ordering Information:

Code #	Description
2312171	AE-6630 Automatic Gel Stainer, 110V
2312172	AE-6630 Automatic Gel Stainer, 230V
	Standard accessories: 2 L reagent bottle with tubing & connectors × 2 35 mL reagent bottle with tubing & connectors × 6 Reagent rack to accommodate 6 35 mL reagent bottles × 1 Mini gel staining tray for up to 2 mini gels × 1 White Background Sheet × 1 Black Background Sheet × 1 Drain tubing with connectors × 1
2391510	2 L Reagent Bottles 2/pk
2391512	35 mL Reagent Bottles 3/pk
2391516	Reagent Supply Tube, 0.5 m (with connectors)
2391502	Mini Gel Staining Tray (for up to 2 mini gels)
2391504	Mini Gel Staining Tray (for up to 4 mini gels)
2391506	Standard Gel Staining Tray (for 1 standard gel)
2391508	Mini Membrane Staining Tray (for 1 mini-gel size membrane)
2391520	White Background Sheet
2391522	Black Background Sheet
2391514	Drain Tube, 2 m
2391518	Drain Connector
2398828	Drain Diverging Valve



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