



DUAL AUTOMATED STAINER-GRAM & HEMATOLOGY LAGS-A20G

Dual Automated Stainer Gram and Hematology LAGS-A20G offers a stable, reliable and accurate output for various microbiological applications. With a capacity of 1.2 to 1.8 ml, reagent consumption is very low, and throughput is high when using a 10 carousel which requires 13 to 25 minutes to complete one cycle while spinning at a speed of 300 rpm.

Features

- ❑ Innovative and compact design
- ❑ Automated gram stainer is capable of uniformly staining up to 10 slides (optional 20 slides and optional tray available) in a matter of minutes.
- ❑ The device comes with a self-contained and more convenient staining reagent kits
- ❑ Staining is controlled with a microprocessor built with advanced software for flexibility in stain application
- ❑ Offers high-quality and excellent adhesive, features microscopic slides for longer adhesion of sample without any cross-contamination
- ❑ The front operative panel provides easy regulation and adjustment for rapid loading with the carousel button.
- ❑ Provides automatic cleaning system for easy and maintenance free for tray cleaning
- ❑ Prevents falling of the sample slides by fixing slides horizontally inside the automated stain chamber
- ❑ Avoids excess use of reagent by allowing the reagent to get along the plastic tubing through the carousel inside the chamber with total reagent consumption of 1.2 to 1.8 ml per slide
- ❑ The unit comes with six functional key controls including Stain, Prime, Clean, Dry, Reset, Up & Down stains for quick and manual free staining
- ❑ The unit is prompt with easy 7 to 8 steps processing
- ❑ An automatic stainer allows stain time for a single cycle of 10 to 13 minutes, which can be varied by a timer.

Technical Specifications

Model		LAGS-A20G
Staining Method		GRAM & Hematology (MGG, Wright)
Slide Tray Capacity		1 to 10 slides
Clearance Height		Lid Open: 565 mm
Tray Rotation Speed		Approx. 6 rpm (stain mode) / Approx. 300 rpm (dry mode)
Used Reagent	GRAM	Crystal Violet: 1.2 ml to 1.8 ml Gram-Iodine: 1.2 ml to 1.8 ml Acetone Alcohol: 1.2 ml to 1.8 ml Safranine: 1.2 ml to 1.8 ml
	Hematology MGG	MGG: 1.2 to 1.8 ml Buffer: 2.5 to 5 ml Giemsa Buffer: 2 ml Buffer (washing): 5.5 to 7 ml
	Hematology Wright	Wright: 2 ml Buffer: 2 ml
Operating Control		6 mode key (stain, prime, clean, dry, reset, slide up/down)
Staining Time	GRAM	10 slides : 13 minutes 20 slides: 18 minutes
	Hematology MGG	10 slides : 18 minutes 20 slides: 25 minutes
	Hematology Wright	10 slides : 7 minutes 20 slides: 13 minutes (option)
Display		LCD
Staining Process		Stain, Prime, Clean, Dry, Reset, Slide up/down
Power		50 W
Power Supply		AC100 to 240V /50 to 60 Hz(Auto selection)
Dimension		480x 445x265 mm
Weight		20 kg

Standard Accessories

Accessories	Capacity
Reagent Bottle	1 L with 1 set
Water bottle	5 L with 1 set
Reagent Container	2
Reagent Container cable	2
Power cord	1
Drain hose	1
Reagent connection Tube	1 set
Spare fuse	1
Carbon filter	5
Acryl cover	1
User's manual	1
Quick installation and user's guide	1

Application

The Automated Stainer is vastly used in positive and negative gram staining in R&D, microbiological and clinical diagnostic applications.