

Gram Staining & Acid Fast Staining (Ziehl-Neelsen)

LA999 HiDuo™ Autostainer



Easy Cleaning and Reagent level monitoring
LA999 designed to clean Tray, Nozzle, Pump and Valve easily. The reagent level monitoring function assures to remove wrong stain by lower level of reagent.

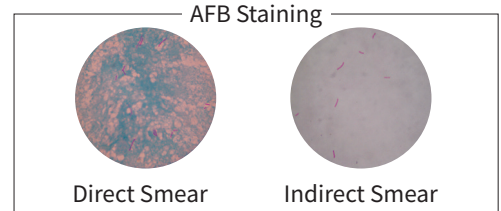
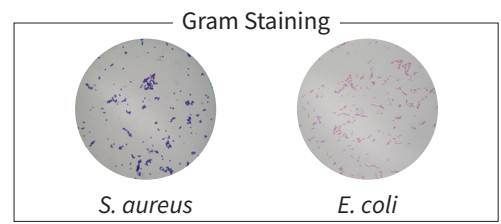
Heating system for Ziehl-Neelsen hot staining method
The automatic heating function is built in to stain it with heating. Temperature in the tray can be controlled. Duration and level of temperature can be pre programmed.

Available to stain for Gram and Ziehl-Neelsen LA999 Can be used for Gram and Ziehl-Neelsen stainer just by simple selection and it can be available to obtain accurate and precision stain.

Simplicity: Just need to set desired Q'ty and start the staining cycle. All of staining process can be controlled by program. It provides reproducibility by controlling all phase of Stain cycle precisely.

No Cross Contamination
LA999 is available to apply fresh reagent on slides mounted in a rotating tray. Specimens contact only fresh, precisely metered stain from separate nozzles.

Staining results



Salient Features

- Available to stain for **Gram and Ziehl-Neelsen (2 in one)**
- Stain and dry up to **10 slides in 13 minutes**
- **No cross-contamination** in all process
- Reduction in **labour costs**
- **Heating system** for Ziehl-Neelsen staining
- **Easy cleaning system** to clean tray and Staining nozzle
- Checking and Warning alarm for **lower level of reagent**
- **Minimize personal variation** during AFB staining

LA999 : Gram and Ziehl-Neelsen		
Staining method	Gram	Ziehl-Neelsen
Slide Tray Capacity	1 - 10	1 - 10
Tray Rotation Speed	Approx. 200RPM	
Display	4 Line by 20 character alpha-numeric LCD dot-matrix	
Key Button Controls	6 Mode Key(Stain, Prime, Clean, Dry, Reset, Up, Down), 6 Function selection	
Used Reagent/ Consumption	Crystal Violet: 1.2 ml - 1.8 ml Grams Iodine: 1.2 ml - 1.8 ml Grams Decolorizer: 1.2 ml - 1.8 ml Safranin: 1.2 ml - 1.8 ml	Carbol-Fuchsin: 1.2 ml - 1.8 ml AFB Decolorizer: 1.2 ml - 1.8 ml Methylene Blue: 1.2 ml - 1.8 ml
1 Cycle Stain Time (Typical)	10 slides in 13 minutes	10 slides in 15 minutes
Dimensions	480(W) x 445(D) x 265(H) mm, Clearance Height (Lid open) : Max. 565 mm	
Weight	Approx. 20 kg	
Electrical Requirements	100-240 V (Auto selectable) @50 to 60 Hz	
Power Consumption	Max. 800 Wats (Heating mode) / Max. 50W (Normal)	
Safety	Lid interlock : Lid must be closed, and is locked down during operation	
Standard Accessories	1L Reagent bottle (1 set each), 5L Water bottle (1), Reagent container (2), Reagent container cable (2), Power cord (1), Drain hose (1), Reagent connector tube (2 set), User Manual (1), Quick installation user's guide (1), Spare fuse (1), Carbon filter (5)	