



Biomedical Systems

**AEROSPRAY® GRAM**  
Slide Stainer / Cytocentrifuge

Series 2



## SEE WHAT YOU NEED TO SEE

Automates the staining of pure strain isolate smears and human specimens with microorganisms to facilitate enhanced clarity and debris-free slides using the Gram differentiation method.

# AEROSPRAY® TECHNOLOGY GIVES SUPERIOR STAINING RESULTS

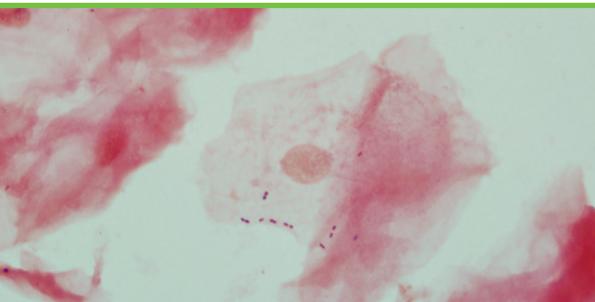
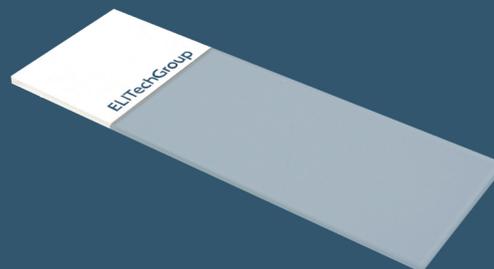
- Rapid cycle time: slides are dried and ready for the microscope in minutes
- Patented spray technology allows fresh application of stain with every run, eliminating cross contamination
- Convenient automated waste level detection (optional)
- Laboratory compliance with traceability features is ensured
- Low maintenance



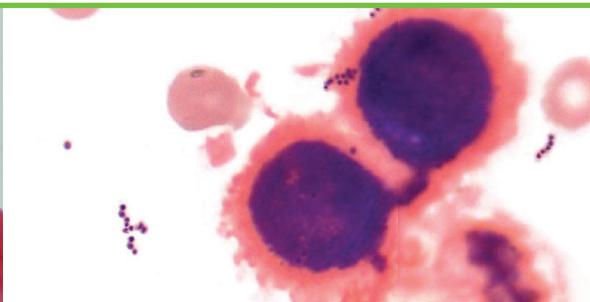
Nearly 30 Aerospray® patents

## High-Quality Slides for Superior Smearing

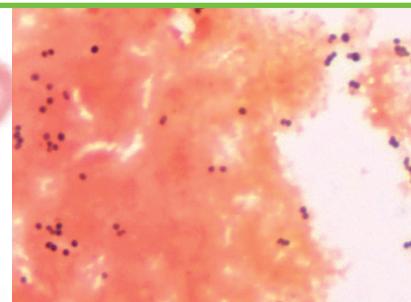
- Optimized for Aerospray Slide Stainers, Cytocentrifuges, and CellaVision® Digital Cell Morphology Analyzers
- High-quality white soda-lime glass enables smooth smears and even monolayers
- Blank or 45° clipped corner microscope slides



Buccal



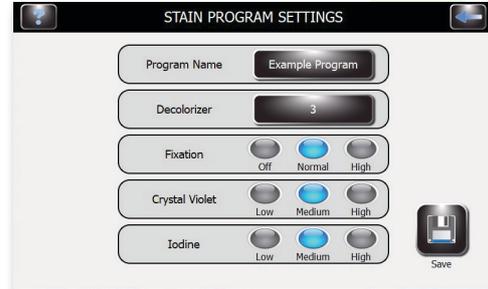
Pleural Fluids



Blood Culture

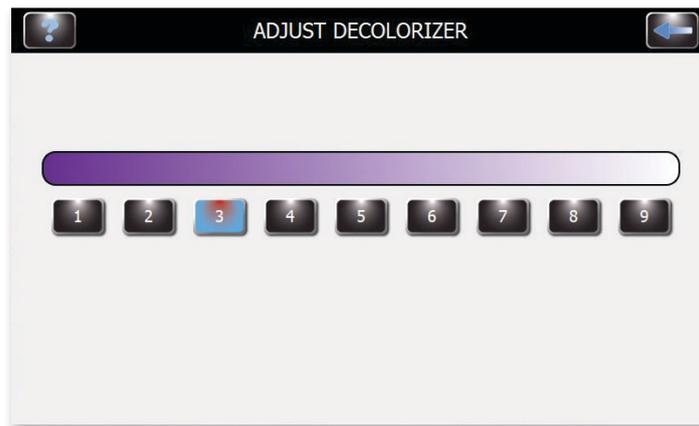
# PROGRAMMING CAPABILITIES DESIGNED FOR PREFERENCES - SEE WHAT YOU NEED TO SEE

**Option 1:** Select a default staining program

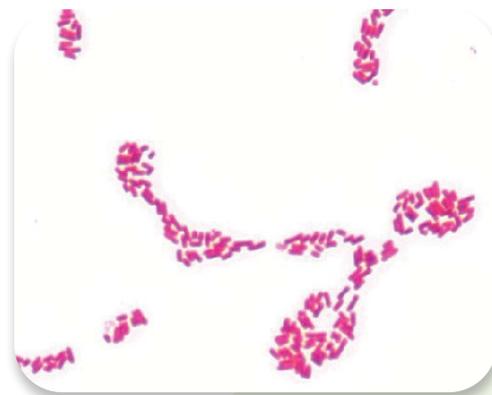


*Staining Mode: Gram differentiation stain method*

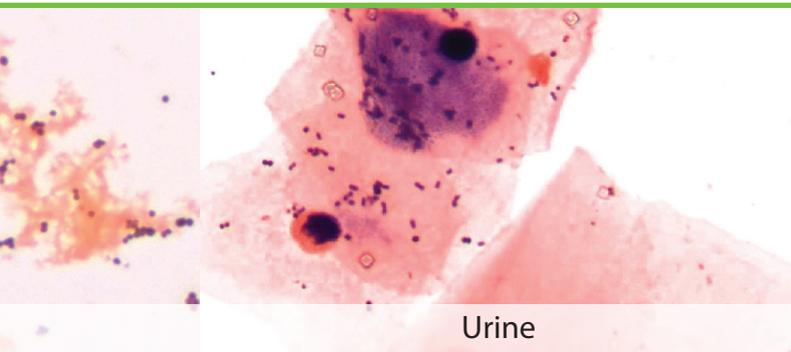
**Option 2:** Customize your own with easy programming capabilities



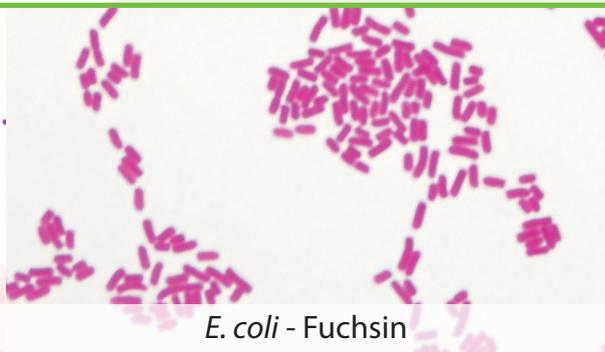
Safranin



Fuchsin



Urine



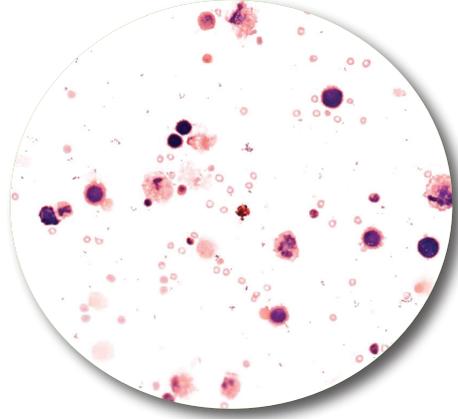
*E. coli* - Fuchsin

# BUILT-IN CYTOCENTRIFUGE FOR INCREASED CELL CONCENTRATION

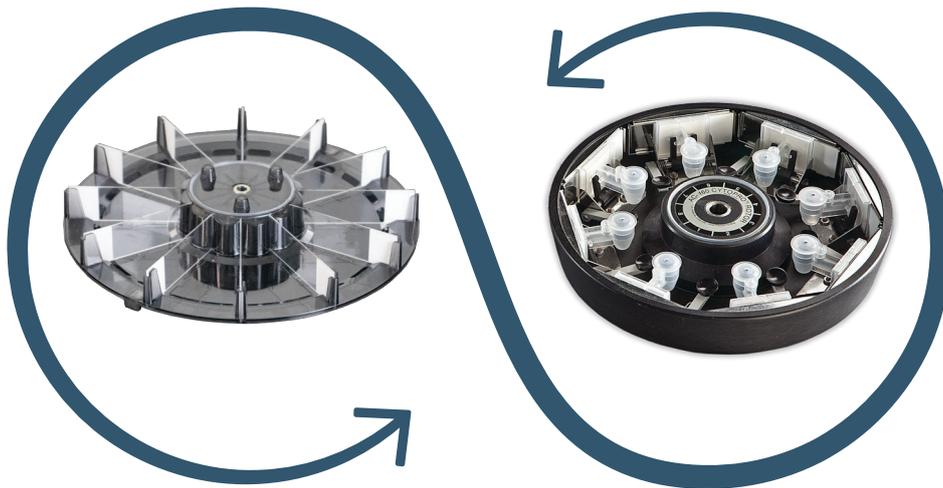
WITHOUT CYTOPRO® ROTOR



WITH CYTOPRO® ROTOR



Exchange the slide carousel with the Cytopro® Rotor to transform the stainer into a superb cyto centrifuge.



No purchase of a second instrument means consolidated maintenance and a smaller lab footprint.

*S. aureus*

*B. cereus*

*S. aureus*

# Aerospray® Gram Model 7322

Slide Carousel Capacity	1 to 12 or 1 to 30 Slides, depending on carousel (carousel choice optional)
Cytocentrifuge Rotor Speed	100-2000 rpm (± 5%), user programmable
Dimensions (W x H x D)	57 cm x 25 cm x 54 cm (22" x 10" x 21")
Clearance Height (lid open)	58 cm (23")
Weight	17.4 kg (38.4 lb)
Electrical Requirements	100 to 240 VAC (±10%) @ 50-60 Hz, 200 watts maximum
Drain Connection	Outlet on rear panel
Safety	Lid interlock: lid must be closed for operation, and is locked down during carousel rotation
Reagent Level Detect	Level detection on all reagent lines
Waste Level Detect	Level detection in waste bottle (optional)

## Stain Consumption Specifications

Reagents	Description	Theoretical Maximum Number Of Slides Per Bottle	
		Full 12 Slide Carousel	Full 30 Slide Carousel
Decolorizer 500 mL	Isopropanol / Methanol with Safranin	1032	1710
	Isopropanol / Methanol with Fuchsin		
	Isopropanol / Acetone with Safranin		
	Isopropanol / Acetone with Fuchsin		
Mordant 500 mL	Iodine	996	1650
Primary Stain 500 mL	Crystal Violet	1032	1710

Medium Decolorizer Setting: #3 (no clean cycles)

## Cytopro® Cytocentrifuge Rotor Model AC-160

Capacity	8 chambers and 8 slides
Weight	1.1 kg (2.5 lb)
Dimensions (Dia. x H)	22.6 cm x 6.2 cm (8.9" x 2.4")

Catalog #	Description	Catalog #	Description
MODEL 7322	Aerospray® Gram Slide Stainer/Cytocentrifuge	AC-160	Cytopro Rotor
SS-029	Aerospray® Nozzle Cleaning Solution, 355 mL	SS-111	Cytopro Cytopad, fast, white, package of 100
SS-029C	Aerospray® Nozzle Cleaning Solution Concentrate, 250 mL	SS-112	Cytopro Cytopad, slow, tan, package of 100
SS-041A	Gram Reagent A, Decolorizer with Safranin, 500 mL	SS-113	Sample Chambers w/ fast, white Cytopads, caps, 48pk
SS-041AA	Gram Reagent A, Decolorizer with Acetone and Safranin, 500 mL	SS-114	Sample Chambers w/ slow, tan Cytopads, caps, 48pk
SS-041AAF	Gram Reagent A, Decolorizer with Acetone and Fuchsin, 500 mL	SS-117	Microscope slides, 1/2G, uncoated, for Cytopro
SS-041AF	Gram Reagent A, Decolorizer with Fuchsin, 500 mL	SS-118	Microscope slides, 1/2G, coated, for Cytopro
SS-041B	Gram Reagent B, Iodine, 500 mL	SS-213	Dual Sample Chambers w/ fast, white pads, caps, 48
SS-041C	Gram Reagent C, Crystal Violet, 500 mL	SS-214	Dual Sample Chambers w/ slow, tan pads, caps, pk/48
SS-141A	Gram Reagent A, Safranin Concentrate, 210 mL	SS-217	Microscope Slides, 1/2G, uncoated, Cytopro Dual
SS-141AF	Gram Reagent A, Fuchsin Concentrate, 135 mL	SS-218	Microscope Slides, 1/2G, coated, Cytopro Dual
SS-141B	Gram Reagent B, Iodine Concentrate, 500 mL	SS-232	Microscope slides, 1/2G, uncoated, for Cytopro Magnum
SS-141C	Gram Reagent C, Crystal Violet Concentrate, 135 mL	SS-233	Microscope slides, 1/2G, coated, for Cytopro
SS-230	Aerospray® Stain Residue Solvent, 500 mL	SS-234	Cytopro Magnum Sample Chambers, caps, 24pk
SS-250	Gram Stain Control Slides, Pack of 50		
SS-MeOH	Aerospray® Reagent Grade Methanol, 500 mL		
AC-187	Barcode Scanner and Waste Level Detect Bundle		
AC-188	12-Slide Carousel, Aerospray® Stainers		
AC-189	30-Slide Carousel, Aerospray® Stainers		

\*Please check additions to catalog numbers made in your country

# AEROSPRAY® IS THE WORLD LEADER IN STAINING TECHNOLOGY AND CYTOCENTRIFUGATION



**“Delivering innovative diagnostic solutions that enable better medical decisions.”**

ELITechGroup has been in operation for over 50 years and distributes to over 100 countries. Proud to be the global leader in Aerospray staining technology and cytocentrifugation, offering the world’s most reliable solutions in performance and reliability. We are confident that this automated technology will elevate the performance of any laboratory and facilitate superior results.

Join the thousands of laboratories utilizing the world’s best staining technology and take your laboratory to a new level of efficiency and performance.



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