alcohol based

Introducing the new

Aerospray® Hematology Pro

SLIDE STAINER / CYTOCENTRIFUGE

NEW *Automated reagent level monitoring*

Slides ready for the microscope in 5 minutes

ELITech Biomedical Systems

www.wescor.com

AEROSPRAY HEMATOLOGY PRO

A Slide Stainer & Cytocentrifuge!

OPTIONAL CYTOCENTRIFUGE ROTOR

With the optional Cytopro rotor, the Aerospray stainer becomes a superb cytocentrifuge with eight-slide capacity and keyboard programmability at a fraction of the cost of purchasing a stand-alone cytocentrifuge.

Cytopro Chambers

Combines ease of use with superb cell recovery.

Advanced design places two samples on the same slide for increased efficiency and economy.

Allows for treatment of large samples up to 6 mL.

USER-PROGRAMMABILITY

The Aerospray is highly responsive to a wide range of staining requirements. The Aerospray Hematology Pro provides a choice of 9 preprogrammed intensity settings for the Rapid Wright-Giemsa, Wright-Giemsa, May-Grünwald Giemsa, and Custom Stain programs.

Simply make your selection by pressing a single keypad. Unique custom staining options make the instrument highly responsive to a wide range of staining requirements.

AUTOMATED REAGENT LEVEL MONITORING

The stainer warns you when reagent levels are getting low.

REAGENT ECONOMY

Reagent is mixed together and then applied to individual slides in the carousel as an atomized spray. Reagent delivery conforms with the number of slides being stained in any given run. Consequently, stain consumption is conservative and reagent costs are significantly minimized.

NO CROSS CONTAMINATION

In all Aerospray stainers, fresh reagent is applied as an atomized spray on slides mounted in a rotating carousel. Specimens contact only fresh stain, precisely metered from separate spray nozzles. No cross-contamination occurs and accuracy is assured.

RAPID PERFORMANCE

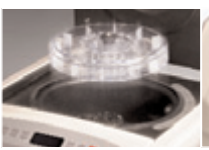
With a cycle time of 5 minutes, the Aerospray stainer is ideal for STATS, but with a throughput of more than 120 slides per hour, it handles heavy loads easily. In either case, slides emerge dry and ready for the microscope.

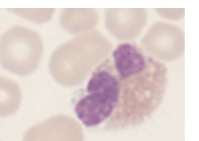
CONVENIENT

The Aerospray Stainer includes an operator initiated clean cycle that reduces maintenance to a minimum. It's a clean, no-fuss process from start to finish.

Ready for the Microscope in Minutes

Aerospray provides many advantages over hand staining or automated dip type stainers, including speed, economy, consistent performance, and no cross-contamination.





ELITech's Expertise

Wescor, an ELITech Group Company, has become a world leader in staining technology during the past three decades. The company has continued to improve the groundbreaking Aerospray staining method with advancements in staining quality, user-convenience and cost reduction. ELITech continues to listen carefully to those in the Hematology community to improve the Aerospray automated staining method.

Aerospray Hematology Pro is the result of this relentless search for excellence.

HOW IT WORKS

Reagents are applied from atomizing spray nozzles onto microscope slides containing the specimens. Staining is rapid and precise. Specimens contact only fresh stain, avoiding specimen cross-contamination or contact with contaminated reagents. Fixation can be done in the instrument or slides can be hand fixed.

THE ELITECH STAINING PROCESS FOR HEMATOLOGY

Simultaneous contact by both dyes produces the classic Romanowsky staining patterns with superior, textbook quality results. The thiazin and eosin dyes are loaded separately onto the instrument to correct the reagent stability problems common to mixed stains. These stains are automatically combined and mixed prior to application to produce superior results.

Aerospray offers a versatile selection of 9 different intensities for each of the 4 set programs: **Rapid Wright-Giemsa, Wright-Giemsa, May-Grünwald Giemsa, and Custom Stain** with simple adjustment routines to tailor the staining to individual preferences. A programmable function is also available for special staining requirements.

The Aerospray Hematology Pro Slide Stainer/Cytocentrifuge combines ELITech's advanced staining technology with the advantage of alcohol based staining routines plus powerful custom staining options.

Specifications

Aerospray® Hematology Pro Slide Stainer / Cytocentrifuge Model 7151

Slide Carousel Capacity	1 to 12 Slides
Cytocentrifuge Rotor Speed	100 to 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	15.0 kg (33 lb)
Electrical Requirements	100 to 240 VAC (±10%)@ 50-60 Hz, 85 watts maximum
Drain Connection	Outlet on rear panel
Safety	Lid interlock: Lid must be closed for operation, and is locked down during carousel rotation. Rotation indicator: LED on front panel lights when the carousel or rotor is rotating.

Cytopro® Cytocentrifuge Rotor Model AC-160

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

Aerospray Hematology Pro Stain Consumption Specifications

Medium intensity setting: #5 *(no clean cycle)*

Theoretical maximum number of slides per bottle

		Full 12 Slide Carousel			
Reagents	**Description**	**Rapid Wright-Giemsa**	**Wright-Giemsa**	**May-Grünwald Giemsa**	**Custom Stain**
Buffered Rinse 5L	Buffers: pH 6.8 / pH 7.2	6660	2028	2028	2028
Thiazin 500 mL		1584	1584	876	948
Eosin 500 mL		1584	1584	1500	1344
Fixative 500 mL	Aerofix®, Methanol	996	996	996	996

For information regarding Aerospray Gram or TB stainers, contact:

Manufactured by:
Wescor, Inc
An ELITech Group Company
370 West 1700 South, Logan Utah 84321-8212 USA

TELEPHONE:
435 752 6011 • 800 453 2725 (*United States & Canada*)
(+1) 435 752 6011 (*International calls*)

FAX:
435 752 4127 (*US*) • (+1) 435 752 4127 (*International*)

EMAIL:
wescor.sales@elitechgroup.com

WEB PAGE:
www.wescor.com

© Wescor 2009
PRINTED **USA**

7151.1EN.DEC09
60-0023-01B