

# Cytopro<sup>®</sup> Cytocentrifuge

## Series 2



### **CYTOPRO<sup>®</sup> ROTOR IS THE WORLD'S MOST ADVANCED CYTOCENTRIFUGE ROTOR**

Automates the cytocentrifugation of cell suspensions to facilitate the sedimentation of cells onto a slide that gets a five-to nine-fold increase in the number of cells on a slide.<sup>1</sup>

# DELIVERING SUPERB CELL RECOVERY WITH TROUBLE-FREE OPERATION



## QUICK AND EASY LOADING & UNLOADING



### PERFECT ALIGNMENT

The pad is always correctly aligned with the tunnel.

### 7 MM DIAMETER CELL AREA

A larger, centered cell deposit area makes screening easier and more sensitive.

### COST-EFFICIENT

Plastic Cytopro chambers are disposable or reusable after decontamination.

### SIMPLE IN SITU FIXATION

Load a few drops of sample into the tunnel port, then load fixative into the sample well. As the rotor accelerates, the cells are fixed after they sediment onto the slide.





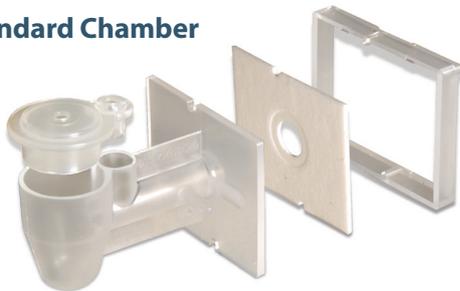
**Cytopro® Rotor is the world's most advanced cytocentrifuge rotor with a patented flow control ring that gets a five-to nine -fold increase in the number of cells on a slide.<sup>1</sup> Adaptable with most cytocentrifuge systems and available as a fully integrated system.**

Aerospray® stainers, when used with the Cytopro® Rotor, become dual-purpose stainers equipped with staining AND cytocentrifugation capabilities. One instrument efficiently does the work of two stand-alone instruments - maximizing space and eliminating clutter issues at a fraction of the cost.

## AVAILABLE SAMPLE CHAMBERS

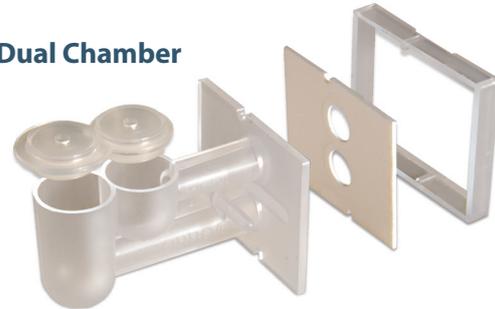
Patented flow control increases cell yield and delivers consistent results.

### Standard Chamber



Combines ease of use with superb cell recovery.

### Dual Chamber



Places two samples on the same slide for increased efficiency and economy.

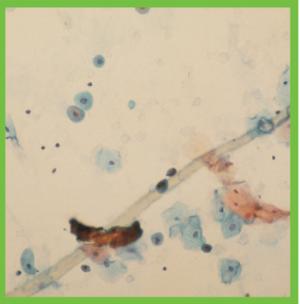
### Cytopro Magnum®



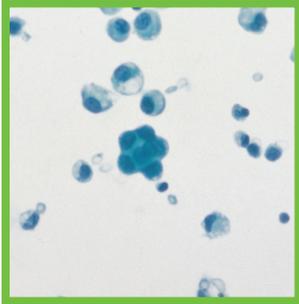
Accepts sample sizes up to 6 mL.

<sup>1</sup> Huppmann, A. R., Rheingold, S. R., Bailey, L. C., Helfrich, M., & Choi, J. K. (2012). Detection of Leukemic Lymphoblasts in CSF Is Instrument-Dependent. *American Journal of Clinical Pathology*, 137(5), 795-799. doi:10.1309/ajcpp4hq2fxqezil

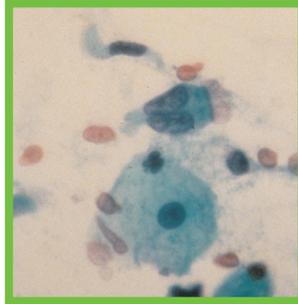
## CYTOPRO'S UNIQUE ERGONOMIC DESIGN LEAVES NO CHANCE OF SMEARING CELLS



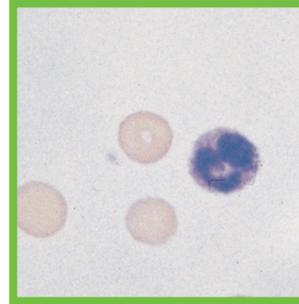
Urine



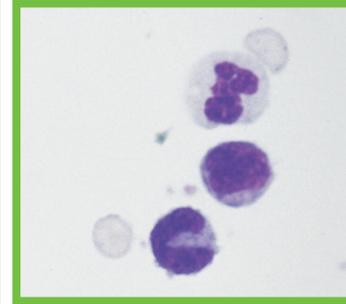
Pleural Fluid



Lung Aspirate



Hematology



Buffy Coat

### SIMPLE TO PROGRAM

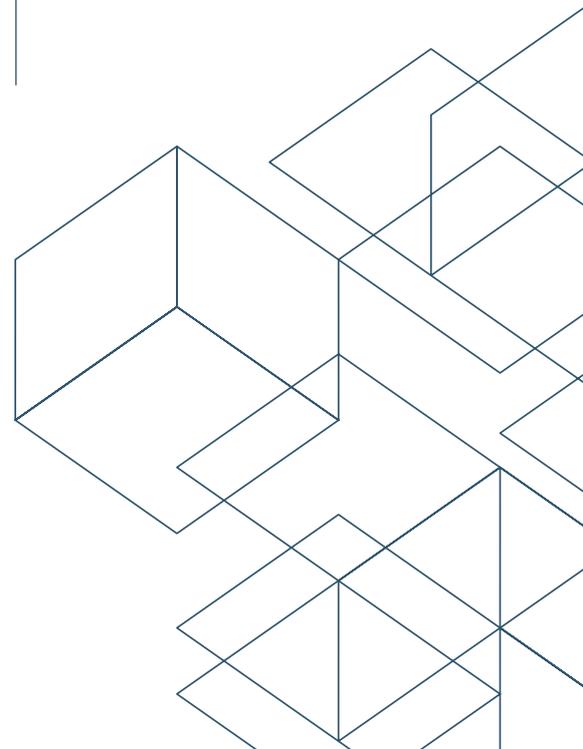
- Cutting-edge microprocessor control and user programmability provides programming versatility
- In addition to manual programming, you can store up to twelve frequently used combinations of rotation speed (100-2000 rpm), run time (1-99 minutes), and rotor acceleration (Low, Medium or High)
- Programs are easy to retrieve or clear
- The user-friendly display visually confirms inputs, current settings, or operation cycle status

### ROTOR PROTECTS THE SAMPLE AND THE USER

- The Cytopro rotor uses centrifugal force and three proprietary chamber designs to sediment cells onto slides with maximum safety and user convenience
- The shallow profile makes sample ID easy, and loading and unloading samples is convenient in a biological safety hood
- Simply pipette sample fluid directly into the sample well
- Slides and samples load securely into the rotor
- After the run, the chamber release lever cleanly separates the chamber from the slide
- Both the slide and the sample chamber can then be easily removed

### CYTOPRO CHAMBERS

- Loading and pad alignment are simple and foolproof
- The semi-transparent sample chamber allows visual confirmation of correct sample volume
- Patented flow control delivers consistent results. Dual addition ports allow pre-wetting—for excellent cell recovery
- Because damaged spring clips can affect recovery, we use reliable coil springs
- Standard chambers come in single and dual configurations to suit every need



SPECIFICATIONS

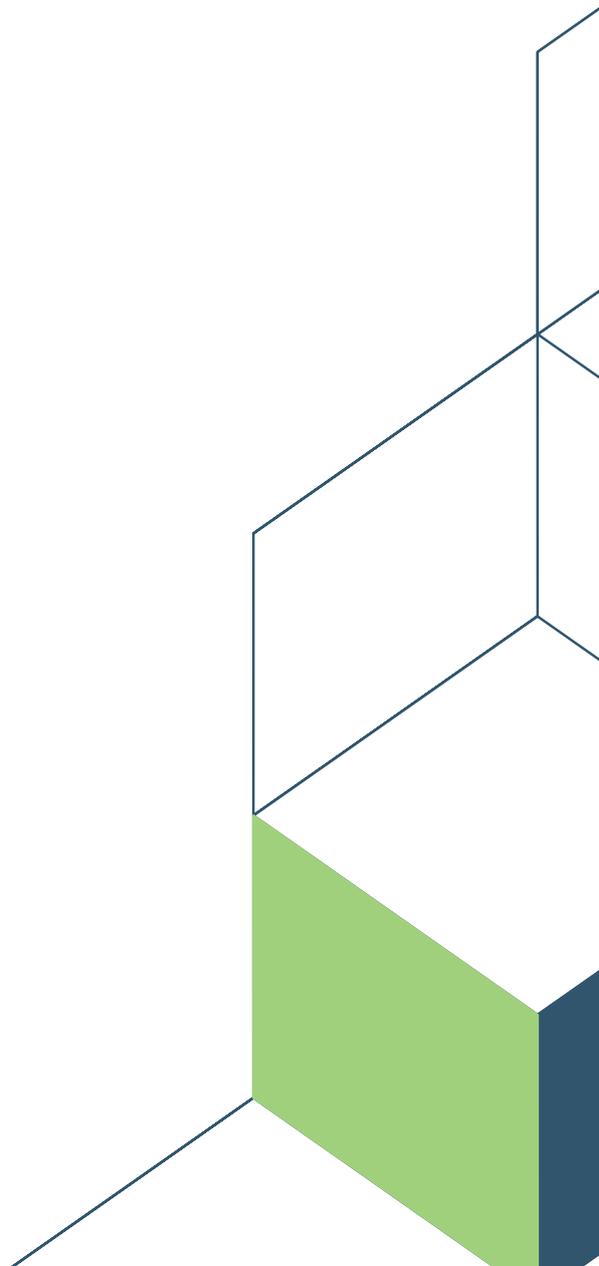
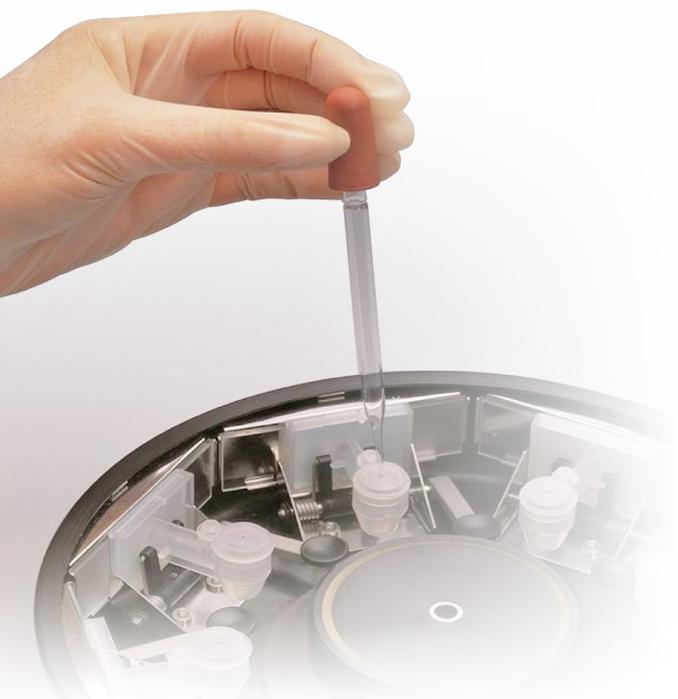
# Cytopro® Cytocentrifuge Model 7622

Chamber Volume	
Dual Chamber	0.3 mL per well
Single Chamber	0.5 mL
Magnum Chamber	6.0 mL
Rotor Slide Capacity	Up to 8 slides and Cytopro chambers
Rotor Speed	100 to 2000 rpm (±5%), user programmable
Run Time	Programmable 1 to 99 mins
Dimensions (W x H x D)	43 cm x 25 cm x 54 cm (17" x 10" x 21")
Clearance Height (lid open)	58 cm (23")
Weight	10.4 kg (22.9 lb.)
Electrical Requirements	100 to 240 V (±10%) @ 50-60 Hz
Fuses	2.0 Amp time-lag (Type T) (5 x 20 mm) (2 required)
Power Consumption	200 Watts maximum
Safety	Lid Interlock: lid must be closed for operation, and is locked down during rotor rotation

ORDERING INFORMATION

Catalog #	Description
MODEL 7622	Cytopro® Cytocentrifuge
AC-160	Cytopro Rotor
SS-111	Cytopro Cytopad, fast, white, package of 100
SS-112	Cytopro Cytopad, slow, tan, package of 100
SS-113	Sample Chambers w/ fast, white Cytopads, caps, 48pk
<b>SS-114</b>	<b>Sample Chambers w/ slow, tan Cytopads, caps, 48pk</b>
SS-117	Microscope slides, 1/2G, uncoated, for Cytopro
SS-118	Microscope slides, 1/2G, coated, for Cytopro
SS-213	Dual Sample Chambers w/ fast,white pads,caps,48
SS-214	Dual Sample Chambers w/ slow,tan pads,caps,pk/48
SS-217	Microscope Slides, 1/2G, uncoated, Cytopro Dual
SS-218	Microscope Slides, 1/2G, coated, Cytopro Dual
SS-232	Microscope slides, 1/2G, uncoated, for Cytopro Magnum
SS-233	Microscope slides, 1/2G, coated, for Cytopro
SS-234	Cytopro Magnum Sample Chambers, caps, 24pk

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



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