

Introducing the new

# Cytopro<sup>®</sup> | series 2

CYTOCENTRIFUGE

CYTO



Delivering  
superb cell recovery with  
trouble-free operation

# Cytopro® series 2 Cytocentrifuge

“Delivering Superb Cell Recovery with Trouble-Free Operation”

## Cytopro® Sample Chamber

The heart of the Cytopro System

**Patented flow control ring**  
Controls the rate of fluid absorption for higher cell yields & consistent results.

**Dual sample ports**  
(single chamber only)  
Two ports allow you to introduce pre-wetting fluids and makes fixation easy and reliable.

Two absorption pad options:

**White**—for faster absorption of thick or debris-filled suspension fluids.  
**Tan**—for slower absorption of thin fluids.

**Prewetting capability**

The tunnel port accepts saline or other fluids to pre-wet the absorption pad for improved cell recovery.

**Chamber caps**

Load samples directly through the chamber caps to prevent spilling hazardous samples.

## Cytopro Rotor

The world's most advanced cytocentrifuge rotor

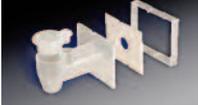
Quick and easy loading & unloading

**Perfect Alignment**

The pad is always correctly aligned with the tunnel.

## Cytopro Chamber Options

**Single Chamber**



**Dual Chamber**



With increased efficiency and economy, **dual sample chambers** provide the same excellent results as the single sample chambers.

**7 mm Diameter Cell Area**

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



## Cytopro Magnum® Chamber

The ELLiTech Cytopro Magnum's large capacity sample chamber handles sample volumes up to 6 mL, while providing enhanced safety—the results are exceptional. The Cytopro Magnum, like the other Cytopro chambers, produces excellent, highly visible specimen slides.



**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.

## The New series 2 Fulfills Today's Needs for Laboratories



### EVERYTHING UNDER CONTROL:

Would you like to secure your settings with an administrator password? Do you want to be reminded to run a QC specimen?

Just program the Cytopro and the system will remind you.

### UNMATCHED EASE OF USE:

Enjoy a friendly user interface with many innovative features at your disposal, such as large touchscreen, language selection, help screens, nameable and recordable programs, and easy updates with the USB serial port.

### MORE TRACEABILITY:

Need to reinforce your QC management and ensure compliance with new lab requirements? The Cytopro series 2 memory stores critical information including specimen ID, user ID, and cycle operation history—all exportable via a USB port.

The new barcode scanner streamlines data entry, while manual keyboard entry is still an option.

*Cytopro provides many advantages over other cyto centrifuges: consistent performance, more safety, economy, ease of use and traceability.*



## The Cytopro process for cell recovery

The Cytopro *series 2* cyto centrifuge is a complete, integrated system for depositing cells onto microscope slides featuring a new touchscreen interface and a ground breaking eight-station cyto centrifuge rotor that accepts our versatile range of sample chambers: single or dual for smaller/regular sized samples and the Cytopro Magnum® large volume chambers for processing samples up to 6 mL.

### 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 without fumbling. 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's unique ergonomic design leaves no chance of smearing your cells.

With the standard volume (single or dual) chambers, suspension fluid is simultaneously absorbed into the Cytopad® absorption pad as cells contact the microscope slide.

With the Cytopro Magnum large-capacity chamber, the suspension fluid is removed by an absorbent foam pad by the end of the run.

Standard volume chambers can be discarded with the used Cytopad, or can be autoclaved and reused with a fresh Cytopad.

### CYTOPRO CHAMBERS

The Cytopro sample chambers are the heart of the Cytopro system. They combine ease of use with superb cell recovery. Innovative standard volume chamber designs make loading and pad alignment 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 instead. Standard chambers come in single and dual configurations to suit every need.

## Delivering Superb Cell Recovery with Trouble-Free Operation

### Superb Cell Recovery

- ✓ Excellent cell distribution
- ✓ Proven consistency & repeatability
- ✓ Clean, readable slides
- ✓ Proprietary flow control rings for unmatched consistency
- ✓ Large cell deposit areas

### Trouble-Free Operation

- ✓ Superior choice of reusable and disposable chambers
- ✓ Robust and reliable
- ✓ Quick and easy loading/unloading of rotor and chambers
- ✓ Easy sample ID with the shallow-profile rotor

### Higher Value Solution

- ✓ Chambers and rotor designed for maximum safety and user convenience
- ✓ Labor-saving technology
- ✓ State-of-the-art user interface with traceability



Cytopro® | series2

# Specifications

## Cytopro Cyto centrifuge Model 7622

Chamber Volume	
Dual	0.3 mL per well (0.6 mL per chamber)
Single	0.5 mL per chamber
Magnum	6.0 mL per chamber
Rotor Slide Capacity	Up to 8 slides and Cytopro chambers
Rotor Speed	100 to 2000 rpm (±5%) user programmable
Operating 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 (22.5 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



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