

## Cytospin 4 Cytocentrifuge



The Cytospin™ 4 cytocentrifuge has been synonymous with cytocentrifugation for over 40 years and is used in laboratories around the world.

When combined with EpreDia cytology consumables, it provides economical thin-layer preparations from any liquid matrix, especially hypocellular fluids such as spinal fluid and urine.

### Convenience and Speed Spun into One

- Process twelve specimens at one time, allowing for several protocols at once
- Accepts all protocols from previous generations of Cytospin cytocentrifuges
- Lid release mechanism allows for one-handed opening and closing
- Removable program card allows for up to nine programs to be logged for fast and convenient reference, and protected program memory stores up to 23 routines for instant recall
- Control panel allows user to control power and time, and monitor speed
- Specimen safety alarm feature reminds users at one-minute intervals to remove specimens, protecting them from air-drying

### Simple Principle for Excellent Presentation

- Using centrifugal principles, the cytocentrifuge deposits cells onto a clearly defined area of a glass slide and allows for the absorption of the residual fluid into the sample chamber's filter card
- Cytocentrifugation constructively flattens cells for excellent nuclear presentation
- The instrument's spinning action tilts the Cytofunnel sample chamber upright and centrifuges cells onto the deposition area of the slide, creating a cellular monolayer that provides all cell types equal opportunity for presentation
- In the "load" or "stop" position, this unique tilting feature reduces cell loss by preventing residual fluid from coming into contact with the prepared slide

### Designed for User Safety

- Only operates when the lid is locked and remains locked during rotation
- Polycarbonate window allows the operator to see the sealed head during cytocentrifugation

### Physical Specifications

Dimensions (D x W x H):

With closed lid:

24.5 x 16 x 9.5 in. (62 x 40.5 x 24 cm)

With open lid:

24.5 x 16 x 25 in. (62 x 40.5 x 62.5 cm)

Weight:

26.5 lbs / 12 kg

Power Requirements:

100-240 V, 50/60Hz, 150 VA, 5A

250 V, T5A 250 V

### Includes:

Cytospin 4 cytocentrifuge, sealed head/rotor, marking pen, operator guide, service record book and standard workflow diagram.

## Multiple Applications:

### Research/General Use

- A cost-effective and time-effective way to make quality thin-layer cell preparations
- Excellent for molecular studies, specialized staining applications and EM
- Used in veterinary, dental and chemosensitivity protocols

### Cytology

- Excellent performance for non-gynecological cytology, especially hypocellular fluids
- Variety of collection fluids and funnel options available
- Prepares both air-dried and fixed specimens
- Can be used for liquid-based cytology (LBC) applications

### Microbiology

- Microorganisms are often present in low numbers from limited sample volumes; Cytocentrifugation effectively spins the microorganisms onto the slide, maximizing the yield and presenting those organisms in a clean, defined area, allowing for straightforward morphological identification
- Only a small sample volume is needed so multiple samples may be run for a variety of special staining and support testing procedures
- Concentrates samples for Gram stains

### Hematology/Oncology

- Easy to achieve a constant cell/unit volume
- Excellent for all fluids, bone marrow and peripheral blood

Description	Order Number
Cytospin 4 unit only	A78300003
EZ Funnel starter kit	A78710013
Clipped Funnel starter kit	3120110

Accessories	Order Number
Additional sealed head	59910018
Sealed head seals (3 / pack)	5991019
Service manual	A7831251

### You'll need:

