



# CYTOCENTRIFUGE



**Quality, Management, Environment, Health & Safety Standards**



CDSCO MD 5 License



USFDA Listed



European CE



ISO 9001: 2015  
IAF



ISO 13485:2016  
NABCB/IAF



ISO 45001 : 2018  
IAF



7 Electric Safety  
Certifications

## INTRODUCTION

**MarkEn** presents its high-performance Cytocentrifuge system, purpose-built for precise and reliable cytology slide preparation. Engineered to meet modern laboratory demands, it simplifies sample handling while ensuring user safety, ease of cleaning, and dependable performance. Its ergonomic design and intuitive operation make it ideal for routine diagnostic use in hospitals, pathology labs, and research institutions.



## FEATURES

- **User-Friendly Operation:** Equipped with a simplified interface and intelligent controls, the system ensures easy operation for lab personnel with minimal training required.
- **Compact & Ergonomic Design:** Its space-saving bench-top configuration fits seamlessly into any laboratory setup, offering convenience without compromising functionality.
- **Consistent Slide Quality:** Delivers uniform and high-quality thin-layer cell preparations, supporting accurate microscopic evaluation and diagnosis.
- **Enhanced Safety Measures:** Designed with built-in operator protection systems and real-time alerts at every stage of operation for maximum safety assurance.
- **Hygienic & Low Maintenance:** Features smooth surfaces and a wipe-clean control panel to support quick disinfection and reduce contamination risks.
- **Versatile Sample Compatibility:** Suitable for a variety of body fluid specimens, making it ideal for gynecologic, non-gynecologic, and oncology-related applications.
- **Efficient Workflow Support:** Processes multiple samples in a single run to boost lab productivity and reduce turnaround time.
- **Disposable Accessory Integration:** Supports the use of capped disposable chambers to maintain hygiene and minimize aerosol exposure during sample preparation.

## ACCESSORIES

- Autoclavable SS cytoclips (reusable)

TECHNICAL SPECIFICATIONS	
<b>Make</b>	MarkEn
<b>Type</b>	Bench-top cytocentrifuge for cytology specimens, capable of thin-layer cell preparation from body fluids while preserving cell morphology.
<b>Capacity</b>	Processes up to 12 specimens simultaneously
<b>Sample Handling</b>	Capable of retrieving cells from various body fluids while preserving morphology
<b>Speed Range</b>	200 to 2000 rpm,
<b>Disinfection Design</b>	Smooth, wipe-clean control panel for easy sanitation
<b>Microprocessor Control</b>	Microprocessor-based programming for time and speed with pull-out program card and programmable memory.
<b>Output Efficiency</b>	Processes ~80 samples per cycle with automatic smear quality validation
<b>Noise Level</b>	< 50 dB
<b>Disposable Compatibility</b>	Compatible with various sizes of capped disposable chambers
<b>Safety Features</b>	Biological safety cabinet, lid-lock system, safety alarms for all stages
<b>Spillage &amp; Safety</b>	Resistant to fluid spillage on electronic components; capped disposable sample compartments/chambers to eliminate aerosol.
<b>Power Supply</b>	220 V $\pm$ 10%, 50 Hz, single phase

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ISO 14001: IAF



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ISO 2409



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