



GEL CARD CENTRIFUGE



Quality, Management, Environment, Health & Safety Standards



CDSCO Certified



USFDA Listed



European CE



ISO 13485:
NABCB/IAF



ISO 9001: IAF



7 Electric Safety
Certifications

INTRODUCTION

The MarkEn Gel Card Centrifuge offers precise, efficient centrifugation for up to 12 GEL cards per batch. With pre-set speed and time settings, it ensures consistent results and easy, user-friendly operation. A removable spin head keeps the chamber clean and simplifies maintenance, making it the perfect choice for gel card tests.

KEY FEATURES

Microprocessor Control: Provides precise control with a **digital display** for monitoring **RPM** and **time**. Features an advanced **touchscreen interface** for easy monitoring and adjustment of **RPM**, **RCF**, and **time** parameters.



Capacity Flexibility: Supports centrifugation of 8 or 12 GEL cards



User-Friendly Interface: Ergonomically designed keypad for simple start/stop functionality and easy program adjustments.



Safety Alarms: Integrated audio-visual alarms for door (lid) open, imbalance, and end-of-cycle notifications.



Advanced Motor Technology: Powered by a Brushless DC (BLDC) motor for reliable performance, low noise, and extended lifespan.



Dynamic Speed Control: Speed control through VFD (Variable Frequency Drive) and dynamic brake system for quick acceleration and deceleration.



Customizable Programs: Offers eight open programs for setting RPM, time, acceleration, and deceleration, with an additional two sequential parameter sets.



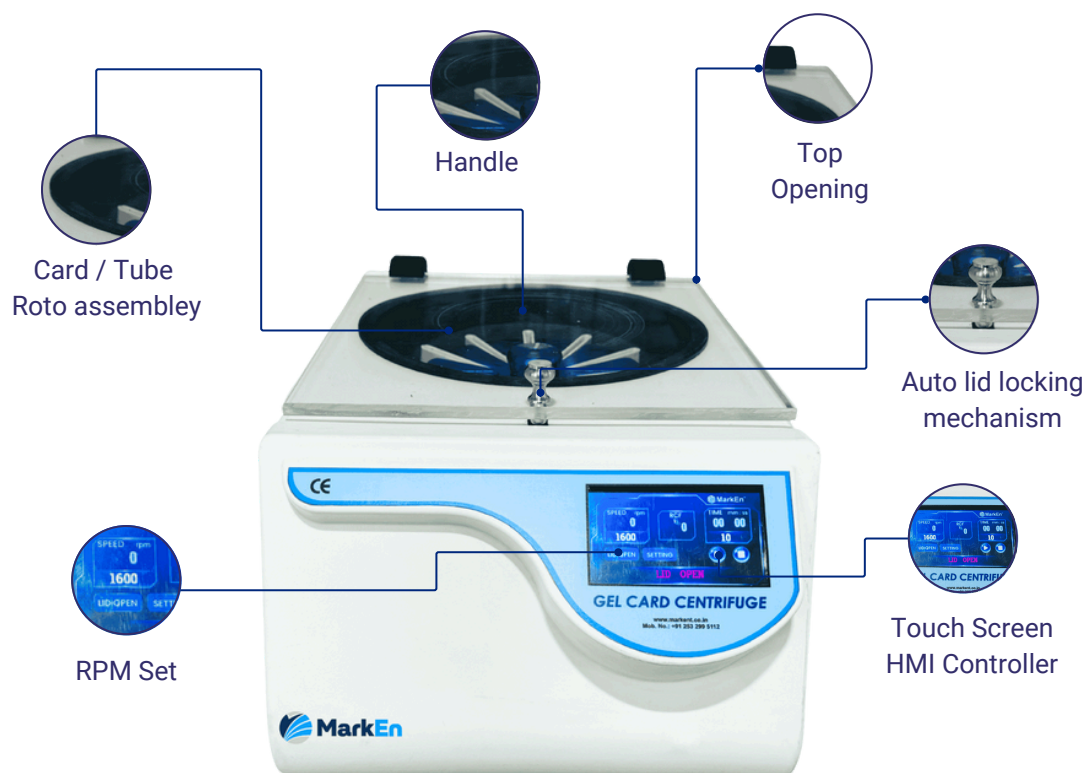
Lightweight and Durable: Lightweight yet robust, with a three-layer steel structure for durability and safety.



Ergonomic Design: Allows single-hand rotor removal for cleaning and effortless operation.



Universal Compatibility: Suitable for all types of standard gel cards, with flexible program settings, including one sequential mode.



TYPE	
	12 CARD/TUBES
	24 CARD/TUBES
	12 CARD/TUBES WITH HMI
	24 CARD/TUBES WITH HMI

TECHNICAL SPECIFICATION	
Make	MarkEN
Parameter	Details
Rotor Type	Swing Rotor
Capacity	8 or 12 Cards
Maximum Speed	100 - 3000 RPM
Centrifugation Time	Pre-set at 10 minutes, adjustable up to 99 minutes
Maximum RCF	279 g \pm 1%
Programs	8 customizable programs and 2 sequential parameter sets
Safety Features	Door (lid) open alarm, imbalance alarm, end-of-cycle alarm
Digital Interface	Screen for RPM, RCF and Timer
Motor Type	Brushless DC (BLDC) motor
Design	Lightweight, ergonomic, and robust
Cleaning	Single-hand rotor removal for easy maintenance
Operating Voltage	220-240 VAC, 50 Hz, Single Phase

PRODUCT CERTIFICATION

Quality, Management, Environment, Health & Safety Standards



**50 Products
CDSCO Certified**



USFDA Listed



**8 products tested by a
WHO-accredited laboratory**



European CE



NABCB: ISO 13485



ISO 9001: IAF



ISO 14001: IAF



ISO 45001: IAF



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WHO GMP



**BIFMA Certified,
BIFMA Level 3**



**ASTM- Corrosion
Free Products**



ISO 2409

**EN 13523-26,
ISO 13849-1,
IP 69, IP 65**

& many other...

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