



GEL CARD CENTRIFUGE



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
IEC 60335-1 and IEC 60335-2-24, IEC 61010-1,
IEC 61010-2-020 and 61010-2-101, IEC 61326-1,
IEC 61326-2-6

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

ALL-IN-ONE SOLUTION FOR

Cold Chain Solution
Medical Equipment
Blood Bank Equipment

Hospital & Scientific Equipment
Hospital Furniture & Infrastructure
Commercial Refrigeration



25+

Years of Excellence



400+

Product Range



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

CERTIFICATION



10 products tested by a WHO-PQS accredited laboratory



Intertek



ISO 14001: IAF



WHO GMP



BIFMA Certified, BIFMA Level 3



ASTM- Corrosion Free Products



ISO 2409



& MANY OTHER...

OUR ESTEEMED CUSTOMERS



& MANY MORE...



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