

MarsoniK BG

MarsoniK Inc.



Change Log

Date	Changes	Revised by
08/4/2024	First-cut	R. Mani

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MarsoniK MG

General Description:

The Marsonik Blood Glucose Monitoring System is designed for ease of use and reliability, featuring advanced technology to ensure accurate readings across a wide range of hematocrit levels and environmental conditions. Its user-friendly design includes features such as automatic coding, quick testing time, and a large memory capacity, making it suitable for both personal and clinical use

Category	Specification
Measurement Range	10 – 600 mg/dL (0.6 – 33.3 mmol/L)
Calibration	Plasma-equivalent
Sample Type	Fresh capillary whole blood
Enzyme Used	Glucose Oxidase
Sample Volume	~0.5 µL
Testing Time	~5 seconds
Hematocrit Range	20% – 70%
Operating Temperature	5°C – 45°C (41°F – 113°F)
Operating Humidity	10% – 90% non-condensing
Memory Capacity	900 test results with date and time
Display	Backlit LCD
Power Source	Rechargeable
Battery Life	Over 1,000 readings
Auto Power-Off	After 2 minutes of inactivity
Connectivity	Bluetooth
Test Strip Features	8-electrode design, auto-coding, individually wrapped
Error/Warning Alerts	Hypoglycemia, ketone warning, insufficient sample
Control Solution Test	Supported (auto-detected)
Strip Ejector	Yes (hygienic strip removal)
Device Dimensions	82.5 mm × 52 mm × 18.2 mm
Device Weight	~47 g (including battery)
Standards Compliance	ISO 15197:2015, IEC 61010-1