

iGlucose[®] Essential

Cellular-Connected Blood Glucose Monitoring System



A Simple and Reliable Glucose Monitoring System to Aid Diabetes Management

Why iGlucose[®] Essential

iGlucose[®] Essential provides a patient friendly, easy-to-use device that delivers real-time information to both providers and patients.

- Ergonomically designed for patient comfort and simplicity, with a lightweight feel and an easy testing process that will enhance patient adherence for regular readings
- Large on-screen display for easy viewing and understanding of results
- One-button operation to take a reading, with a no-worry automatic shut off after use
- On-screen alerts at time of reading for High or Low (Ketone or Hypo) measurements that provide immediate insights for action

A solution that aids patients and providers in understanding the needs to treat a chronic condition in real-time. This easy-to-use device increases patient adherence to testing, resulting in improved diabetes care.



Features

- Accuracy Exceeding Industry Standards
- Easy and Accurate Auto Coding
- Easy Push Button to Eject Testing Strip
- Quarterly Shipping of Strips/ Lancet Option Available
- Free Device Management Access Portal
- Wide HCT Range
- Large Easy to Read Display Screen
- One-Button Operation with Automatic Shutoff
- Customizable On-screen Notifications
- Real Time High/Low Glucose Alerts
- Pre-Meal/Post-Meal Markers
- Automatic Storage for 500 Results with Meal Markers
- Calculation of Averages for the Last 7, 14, and 30 days of Testing
- Fast 5-Second Testing



iGlucose[®] Essential Specifications Summary



iGlucose[®] Essential Product Features and Information

Test Strip Insertion	Vertical Test Strip Insertion
Minimum Blood Sample Size	0.80 microliters
Test Time	5 seconds
Blood Glucose Measurement Range	20 – 600 mg/dL
Data Transmission	Cellular connectivity via exclusive AT&T 4/5G CAT-M network
Time and Date	Manual Date and Time set up
Battery	Rechargeable 3.7 Volt Lithium (about 500 tests per charge)
Test Strip and Control Solution Storage	39°-86° F (4 – 30° C) and 10-90% Relative Humidity
Meter Operating Range	41°-113° F (5°-45° C)
Meter Storage and Transportation Range	41°-113° F (5°-45° C)
Hematocrit Range	20-70%
Maximum Altitude	10,413 feet (3,174 meters)
Turn Meter “On”	Press button on front of meter for 2-3 seconds
Meter Display	47mm x 37.5mm, Black and White
Blood Glucose Reference	Fresh capillary, whole blood
Unit Measurement	mg/dL
Neonatal, Diagnosis, Screening	Not approved for use
Multi-Patient Use	Not approved for use
Test Strip Shelf Life	6 months (after opening)
Meter Display Language	English
Meal Marker Option	Can assign a “Pre-Meal” (Full Apple Icon) or “Post-Meal” (Eaten Apple Icon) marker to readings
Memory (Number of readings stored)	500 (with date and time)
Blood Glucose Averages	In meter: 7, 14 and 30 days
Meter Warranty	5 years
Auto-Code	Automatic detection of code number on test strip No manual entry required

iGlucose[®] Essential Display Icons

	Top left of screen – indicates date
	Top right of screen – indicates year or time
	Top middle of screen – indicates morning or afternoon
	Indicates the display form of day and month (d/m) or month and day (m/d)
	Data transmitted successfully
	Data not transmitted
	Indicates test result history
	Indicates average value
	Indicates battery level
	Indicates a recommendation to perform a ketone measurement based on a high glucose test (> or + to 300mg/dL)
	Indicates possible hypoglycemia based on test result
	Indicates signal strength
	Center of screen – shows test results or error codes
	Indicates temperature is not suitable for testing
	Test results are displayed as mg/dL
	Indicates the system is ready to test, drop will flash when strip is inserted
	Pre-meal marker
	Post-meal marker
	Control test result



iGlucose[®] Essential Specifications Summary



iGlucose [®] Essential Display Error Messages	
	Result is above 600mg/dL – Repeat test with new strip, contact healthcare professional if result is still “HI”
	Result is below 20mg/dL – Repeat test with new strip, contact healthcare professional if result is still “LO”
	Blood applied to test strip before flashing drop appears – discard strip and repeat test waiting for flashing drop indicator
	Used or contaminated test strip – discard strip and retest with new strip
	Incorrect test strip – discard strip and repeat using an iGlucose Essential test strip
	Incorrect sample – discard test strip and repeat with new test strip, make sure only human blood or control solution is used
	Temperature out of range – move to an area within range and test strip again in 20 minutes
	Potential hardware error – contact Smart Meter Customer Support
	Test strip inserted while meter is charging – remove USB from meter once charging is complete and test
	Insufficient sample – repeat test, blood needs to fill test strip check window
	Low battery – charge the battery
	Data not transmitted – repeat test, contact Smart Meter Customer Support if issue continues
	No signal – restart meter, contact Smart Meter Customer Support if issues continue

Why Smart Meter is the No. 1 Supplier of Cellular RPM™ Solutions

The Only Trusted Private Data Network for RPM in the U.S.

- Smart Meter's Private Data Network for RPM is an exclusive ecosystem with robust security layers protecting patient-generated health data from our proprietary monitoring devices to our SmartPartners™ platforms.



Cellular RPM™ is Better Than Bluetooth®

- Patients have problems using Bluetooth – it's that simple.
- Our proprietary cellular-enabled devices deliver the most patient-friendly experience available supporting more frequent testing, additional revenue, an improved volume of health data facilitating care management, and higher customer and patient satisfaction.



70% of people have trouble sending health data with BlueTooth® devices.

Everything Working Seamlessly in the Background

- We simplify the deployment and management of remote patient monitoring so you can focus on transforming healthcare.
- SmartPartners have exclusive access to curated monitoring devices, real-time RPM data stacks, shipping and logistics management, automated refills, and success training services.



100% Quality Guarantee

- We stand behind our solutions: products, data, platform, and services.
- If anything fails to meet your standards, we will resolve the problem to your satisfaction. Guaranteed!



Grow With Us

Whether you're implementing an RPM system for the first time or need to reach new customers with expanded solutions, we're here to help.

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