



# iGlucose<sup>®</sup> Essential Specifications Summary



## iGlucose<sup>®</sup> Essential Product Features and Information

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

**Customer Support - Call 844.445.8267 or email [support@iglucose.com](mailto:support@iglucose.com)**



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iGlucose <sup>®</sup> Essential Display Icons	
	Top left of screen - indicates date
	Top right of screen - indicates year or time
AM PM	Top middle of screen - indicates morning or afternoon
d/m/d	Indicates the display form of day and month (d/m) or month and day (m/d)
	Data transmitted successfully
	Data not transmitted
M	Indicates test result history
A	Indicates average value
	Indicates battery level
Ketone?	Indicates a recommendation to perform a ketone measurement based on a high glucose test (> or + to 300mg/dL)
Hypo	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
mg/dL	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



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iGlucose <sup>®</sup> 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