

On-Call[®] Advanced Blood Glucose Monitoring System



Outstanding Performance
for
Healthcare Professionals
and Diabetics!



Dependable & Advanced

The answer to additional requests from Healthcare Professionals and Diabetics:

- Available for Capillary, Venous, Arterial and Neonatal Blood Testing
- Accurate and Dependable
- Safe and Convenient
- Simple and Quick Testing with Tiny Blood Sample
- Advanced Features for Diabetics

 ACON[®]
Diabetes Care



○ **Advanced Features for Diabetics**

- Meal-markers included to monitor results before and after meals
- Five customizable test reminders help patients to remember when to test
- Ketone warning recommends patients to test ketones
- Hyper and hypo warnings alert patients to take necessary actions
- Automatic insufficient sample check to ensure error free testing
- Wide operating temperature range of 5-45°C allows testing in almost any environment
- Long battery life up to 3,000 tests
- 7, 14, 30, 60 and 90-day averaging allows users to quickly assess glucose results over these periods
- Substantial meter memory stores up to 500 tests, with date and time
- USB Data Transfer Cable and Convenient Software allow easy download to PC and better data management

○ **Limitations and Warnings**

The **On Call® Advanced** Blood Glucose Monitoring System uses GDH-PQQ enzyme which can not distinguish glucose, maltose, galactose or xylose contained in blood, therefore maltose, galactose and xylose may falsely elevate the blood glucose reading when present in the bloodstream of diabetic patients.

- To avoid false readings, do not use the **On Call® Advanced** Blood Glucose Monitoring System if the patient is taking drugs that break down to maltose or galactose. The following represents some commonly used drugs that may lead to false reading
 - Peritoneal dialysis solutions containing icodextrin (e.g., Extraneal, Icodial)
 - Certain types of intravenous immunoglobulin therapies (e.g., Octagam® 5%)
 - Intravenous solutions containing maltose as a means for patient hydration
- NOTE: To determine if a drug breaks down to maltose or galactose, please consult the drug package insert. The list above is not meant to be an all inclusive list and may be missing other drugs.
- Don't use the **On Call® Advanced** Blood Glucose Monitoring System during a xylose absorption test.
 - Blood glucose level readings may be overestimated if concentration for galactose levels > 10 mg/dL, maltose levels > 13 mg/dL in the blood, or lactose levels > 5 mg/dL.



Specifications

Feature	Specification
Glucose Test Range	10-600 mg/dL (0.6-33.3 mmol/L)
Result Calibration	Plasma-equivalent
Sample	Fresh whole blood (Capillary, Venous, Arterial and Neonatal)
Minimum Sample Size	0.8 µL
Test Time	5 seconds
Battery	Two (2) CR 2032 3.0V coin cell batteries
Battery Life	3,000 tests
Glucose Units	The meter is pre-set to either mmol/L or mg/dL depending on the local standard
Memory	500 records with time and date
Automatic Shutoff	2 minutes after last action
Meter Size (L×W×H)	90 mm×58 mm×21 mm
Display Size (L×W)	41 mm×37 mm
Weight	66 g (with battery installed)
Operating Temperature	5-45°C
Operating Relative Humidity	10-90%
Hematocrit Range	10-70%
Data Port	9600 baud, 8 data bits, 1 stop bit, no parity

Catalog

Product Name	Catalog No.	Components		
<i>On Call® Advanced</i> Blood Glucose Monitoring System	G114-101✓	1 Meter 10 Lancets 1 Quick Reference Guide	10 Test Strips 1 Control Solution 1 1 Warranty Card	1 Lancing Device 1 Manual 1 Carrying Case
<i>On Call® Advanced</i> Blood Glucose Meter	G114-111✓	1 Meter 1 Manual	1 Lancing Device 1 Quick Reference Guide	1 Carrying Case 1 Warranty Card
<i>On Call® Advanced</i> Blood Glucose Meter	G114-121✓	1 Meter 1 Control Solution 1 1 Quick Reference Guide	1 Lancing Device 1 Carrying Case 1 Warranty Card	10 Lancets 1 Manual
<i>On Call® Advanced</i> Blood Glucose Meter	G114-131✓	1 Meter 1 Carrying Case	1 Control Solution 1 1 Warranty Card	1 Manual 1 Quick Reference Guide
<i>On Call® Advanced</i> Blood Glucose Test Strips	G134-101✓	50 Test Strips (25/vial)	1 Package Insert	
		100 Test Strips (25/vial)	1 Package Insert	
		25 Test Strips (25/vial)	1 Package Insert	
<i>On Call® Advanced</i> Blood Glucose Test Strips	G134-111✓	25 Test Strips (Individually Foil Wrapped)	1 Package Insert	
		50 Test Strips (Individually Foil Wrapped)	1 Package Insert	
<i>On Call® Advanced</i> Glucose Control Solution	G124-121✓	1 Control Solution 0 1 Package Insert	1 Control Solution 1	1 Control Solution 2
<i>On Call®</i> Lancets	G124-10A✓	100 Lancets (25/bag)		
<i>On Call®</i> Lancing Device	G124-11A✓	1 Lancing Device	1 Package Insert	
<i>On Call®</i> Diabetes Management Software	G124-13A	1 USB Data Transfer Cable	1 Installation Disk	

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