

**Specification**



Feature	Specification
Technology	Biosensor/Electrochemical, Glucose oxidase (GOD)
Result Calibration	Plasma-equivalent
Test Time	10 seconds
Sample Size	0.5 µL
Sample Type	Fresh capillary whole blood
Hematocrit Range	25 - 60%
Glucose Test Range	20 - 600 mg/dL (1.1 - 33.3 mmol/L)
Memory Storage	300 results with date and time
Test Averaging	7, 14, 30-day averages
Data Transfer	USB
Control Solution	3 levels
Audio Feature	Optional beep for sample detection, error messages
Automatic Shutoff	2 minutes after last action
Battery	One (1) CR 2032 3.0V coin cell battery
Battery Life	1,000 measurements
Operating Conditions	41 - 113 °F (5 - 45°C) and 10 - 90% relative humidity
Strip Storage Temperature	2-35°C
Expiration Date	24 months (6 months after first opening)

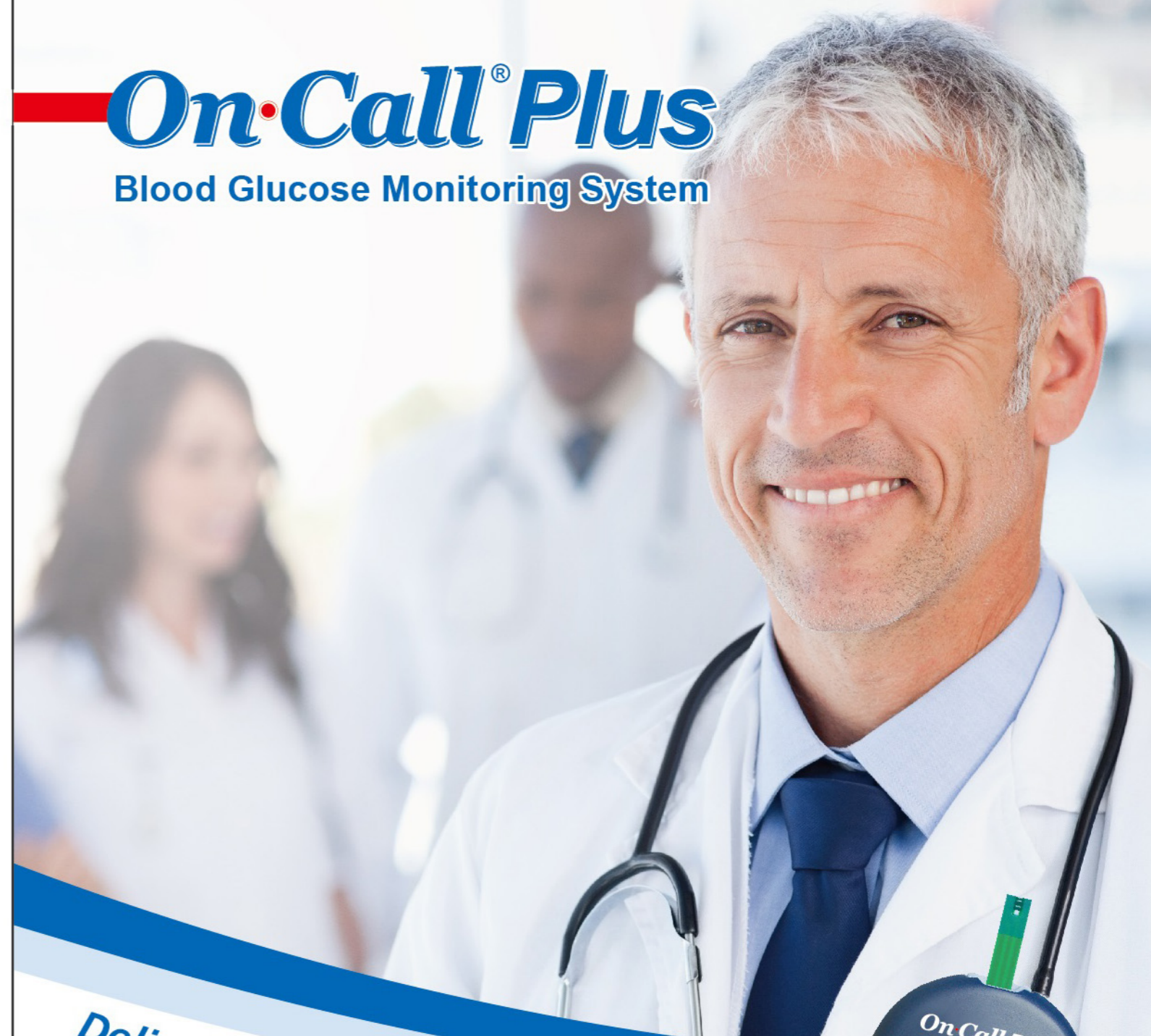
**Catalog**

Product Name	Catalog No.	Contents			
On-Call <sup>®</sup> Plus Blood Glucose Monitoring System	G113-111 v †	1 Meter 1 Manual 10 Lancets	10 Test Strips 1 Carrying Case 1 Code Chip	1 Control Solution 1 1 Quick Reference Guide 1 Clear Cap (for testing on forearm and palm)	1 Lancing Device 1 Warranty Card
On-Call <sup>®</sup> Plus Blood Glucose Meter	G113-211 v †	1 Meter 1 Manual	1 Control Solution 1 1 Warranty Card	1 Carrying Case 1 Quick Reference Guide	
	G113-214 v	1 Meter 1 Manual 10 Lancets	1 Lancing Device 1 Carrying Case 1 Warranty Card	1 Control Solution 1 1 Quick Reference Guide 1 Clear Cap (for testing on forearm and palm)	
On-Call <sup>®</sup> Plus Blood Glucose Test Strips	G133-111 v †	50 Test Strips (25/vial)		1 Code Chip	1 Package Insert
		50 Test Strips (50/vial)		1 Code Chip	1 Package Insert
	G133-112 v	100 Test Strips (25/vial)		1 Code Chip	1 Package Insert
	G133-114 v	10 Test Strips (10/vial)		1 Code Chip	1 Package Insert
	G133-115 v	25 Test Strips (Individually Foil Wrapped)		1 Code Chip	1 Package Insert
	G133-117 v	50 Test Strips (Individually Foil Wrapped)		1 Code Chip	1 Package Insert
G133-118 v	25 Test Strips (25/vial)		1 Code Chip	1 Package Insert	
On-Call <sup>®</sup> Plus Blood Glucose Test Strips and Lancets	G133-211 v	50 Test Strips (25/vial)	50 Lancets (25/bag)	1 Code Chip	1 Package Insert
On-Call <sup>®</sup> Plus Blood Glucose Control Solution	G123-311 v †	1 Control Solution 0	1 Control Solution 1	1 Control Solution 2	1 Package Insert
On-Call <sup>®</sup> Lancets	G124-10A v †	100 Lancets (25/bag)			
On-Call <sup>®</sup> Lancing Device	G124-11AV	1 Lancing Device		1 Package Insert	
On-Call <sup>®</sup> Diabetes Management Software Kit	G124-13A †	1 USB Data Transfer Cable		1 Installation Disk	

v CE Marked for sale in the European Community 0123 † US 510(k) Cleared and CLIA Waived



**On-Call<sup>®</sup> Plus**  
Blood Glucose Monitoring System



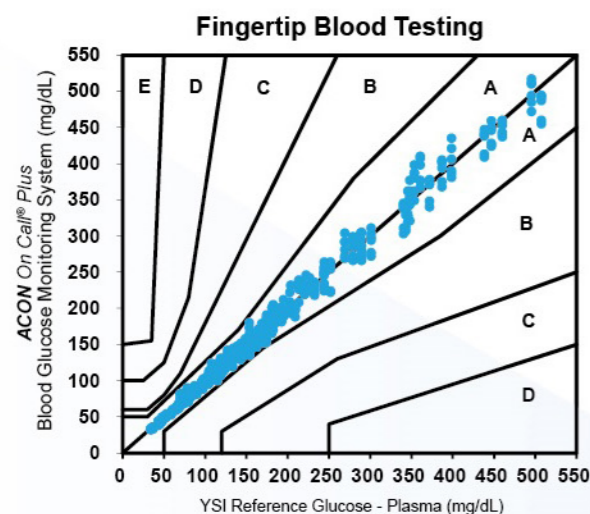
*Delivers Value and Quality*

- 0.5 µL Blood Sample
- Accurate & Reliable Results
- 25 - 60% HCT Range
- US 510(k) & CE

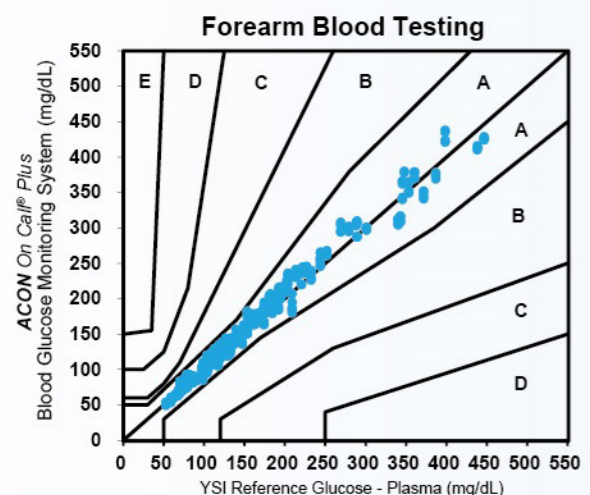


## Accurate and Reliable

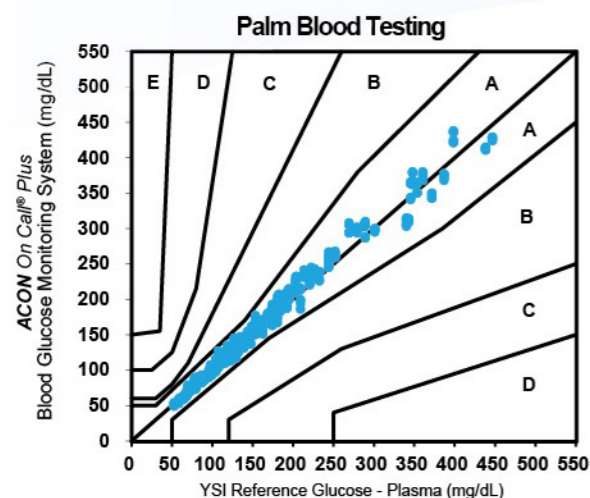
Extensive clinical studies proved the accuracy of *On-Call Plus* Blood Glucose Monitoring System with fresh capillary blood samples, which can comply with EN ISO 15197: 2015.



Consensus Error Grid Analysis Clinical Trial - Fingertip Capillary Blood, by Technican ACON On-Call Plus Blood Glucose Monitoring System vs. YSI		
<b>System Accuracy Results for Glucose Concentration <math>\geq 100</math> mg/dL</b>		
Within $\pm 5\%$	Within $\pm 10\%$	Within $\pm 15\%$
290 / 462 (62.8%)	432 / 462 (93.5%)	462 / 462 (100.0%)
<b>System Accuracy Results for Glucose Concentration <math>&lt; 100</math> mg/dL</b>		
Within $\pm 5$ mg/dL	Within $\pm 10$ mg/dL	Within $\pm 15$ mg/dL
145 / 198 (73.2%)	193 / 198 (97.5%)	198 / 198 (100.0%)
<b>System Accuracy Results for both Glucose Concentration <math>\geq 100</math> mg/dL and <math>&lt; 100</math> mg/dL</b>		
Within $\pm 15\%$ or $\pm 15$ mg/dL		
658 / 660 (99.7%)		



Consensus Error Grid Analysis Clinical Trial - Forearm Capillary Blood, by Technican ACON On-Call Plus Blood Glucose Monitoring System vs. YSI		
<b>System Accuracy Results for Glucose Concentration <math>\geq 100</math> mg/dL</b>		
Within $\pm 5\%$	Within $\pm 10\%$	Within $\pm 15\%$
202 / 444 (45.5%)	375 / 444 (84.5%)	440 / 444 (99.1%)
<b>System Accuracy Results for Glucose Concentration <math>&lt; 100</math> mg/dL</b>		
Within $\pm 5$ mg/dL	Within $\pm 10$ mg/dL	Within $\pm 15$ mg/dL
110 / 168 (65.5%)	154 / 168 (91.7%)	168 / 168 (100.0%)
<b>System Accuracy Results for both Glucose Concentration <math>\geq 100</math> mg/dL and <math>&lt; 100</math> mg/dL</b>		
Within $\pm 15\%$ or $\pm 15$ mg/dL		
608 / 612 (99.3%)		



Consensus Error Grid Analysis Clinical Trial - Palm Capillary Blood, by Technican ACON On-Call Plus Blood Glucose Monitoring System vs. YSI		
<b>System Accuracy Results for Glucose Concentration <math>\geq 100</math> mg/dL</b>		
Within $\pm 5\%$	Within $\pm 10\%$	Within $\pm 15\%$
219 / 444 (49.3%)	395 / 444 (89.0%)	441 / 444 (99.3%)
<b>System Accuracy Results for Glucose Concentration <math>&lt; 100</math> mg/dL</b>		
Within $\pm 5$ mg/dL	Within $\pm 10$ mg/dL	Within $\pm 15$ mg/dL
130 / 168 (77.4%)	166 / 168 (98.8%)	168 / 168 (100.0%)
<b>System Accuracy Results for both Glucose Concentration <math>\geq 100</math> mg/dL and <math>&lt; 100</math> mg/dL</b>		
Within $\pm 15\%$ or $\pm 15$ mg/dL		
609 / 612 (99.5%)		

## Key Features

0.5  $\mu$ L blood sample

HCT 25 - 60% HCT range

2 - 35°C strip storage temperature

Optional individually packaged test strips available

Alternative testing sites including fingertip, forearm and palm

Automatic detection of insufficient sample

300 test memory with date and time

7, 14, 30 - day averages calculation

Easy PC data transfer and smart App data analysis

## Authority Certificate

