

**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



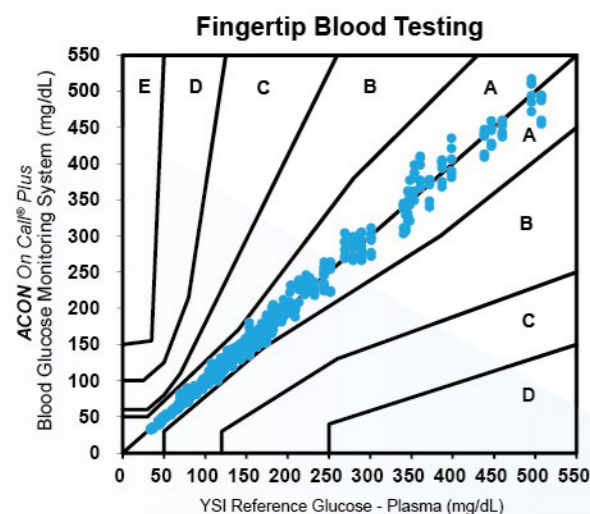
*Delivers Value and Quality*

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

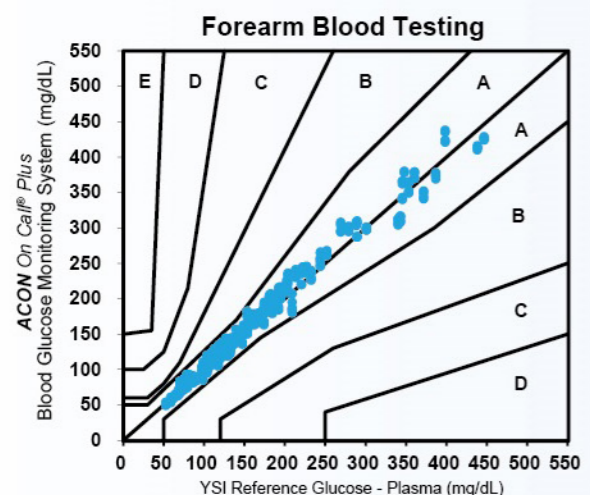


## Accurate and Reliable

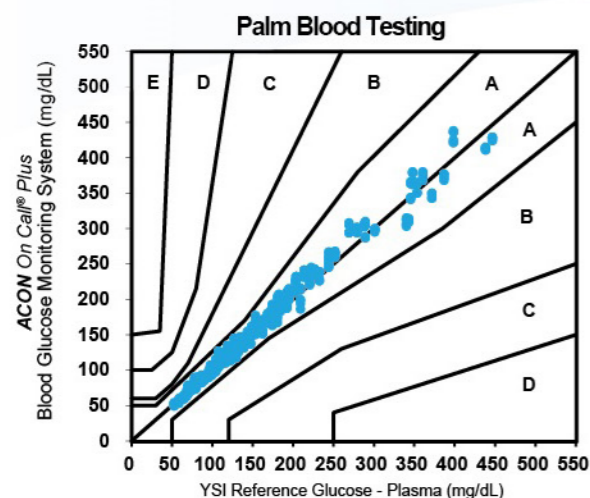
Extensive clinical studies proved the accuracy of *On-Call Plus* Blood Glucose Monitoring System with fresh capillary blood samples, which can comply with EN ISO 15197: 2015.



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



CE certificate



USFDA CFG certificate



Health Canada certificate