

SEJOY®



CE 0197

Blood Glucose Monitoring System

BG-514/514b

Diabetes made easier



0.6 Microliter



360 reading memories



Backlight optional



Bluetooth optional



Talking optional



5 seconds fast testing



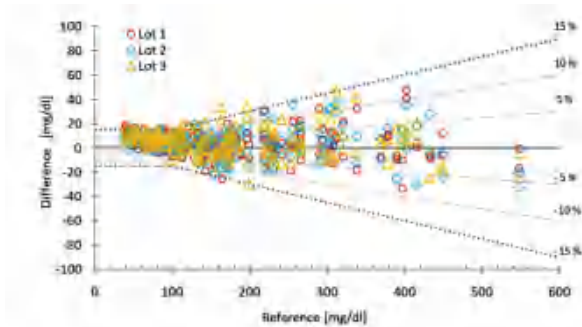
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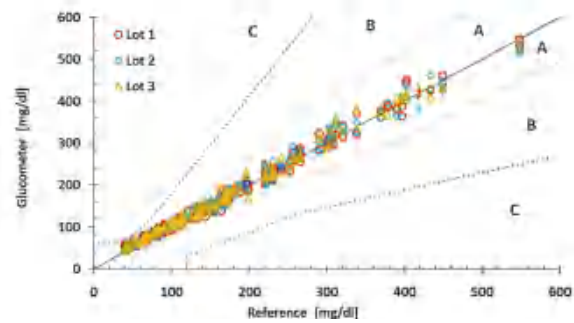
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EN ISO 15197:2015 high accuracy

The evaluation of system accuracy by IDK revealed that measurements obtained with the blood glucose meter fulfill the acceptance criteria as specified by DIN EN ISO 15197:2015.

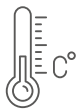


Combined Bland-Altman Diagram



Consensus Error Grid

Accurate Results



Temperature Compensation

The system detects the temperature signal then compensates the effect within +5%



Unique Formulation

We use unique formulation in the test strip which is very stable in extreme environments



Auto-coding

The system detects the coding information of each test strip automatically



Unique Algorithm

After detecting signals from various common sources of interferences, the meter runs with unique algorithm then provides highly accurate result

Specification

Product description	BG-514 Blood Glucose Monitoring System
Assay method	Glucose dehydrogenase biosensor
Measurement range	1.1-33.3mmol/L (20-600mg/dL)
Sample	Fresh capillary whole blood, venous blood, neonatal blood
Sample size	Approximate 0.6 microlitre
Response time	5 seconds
Calibration	Plasma equivalent glucose values
Battery	2xAAA alkaline batteries
Battery life	Approximately 1,000 tests
Unit of measure	mmol/L
Memory	360 blood glucose results
Pollution degree	2

Size	85.8*57.3*21mm (L*W*H)
LCD size	35.2*30.7mm (L*H)
Weight	Approximate 52g, battery not included
Operating environment	5 C~45 C (41 F~113 F) 10~90% RH (non-condensing)
Meter storage environment	-20 C~55 C (-4 F~131 F) 10~95% RH (non-condensing)
Strip storage environment	1 C~30 C (33.8 F~86 F)
Altitude	Up to 10,000 feet (3,048 meters) above sea level
Hematocrit	20%~60%
Shelf life	Three years



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