CERA-CHEK™ 1070

Blood Glucose Monitoring System

Hematocrit Free 10~70 %

- *Pregnancy & new-born testing*
- *Home and hospital use*

10 ~ 70 %
Hematocrit range

0.5 μl
Tiny sample volume

5 Seconds
Fast test time

10 ~ 900 mg/dL
Broad measurement range

AST **Alternative site testing**

FAD GDH **FAD-GDH enzyme**

CERA-CHEK™ 1070

120 mg/dL

9:35 am 5-21

Model : G 300

GREEN CROSS MEDICAL SCIENCE

녹십자 GREEN CROSS

CE 0123

GMP

TÜV SÜD

Hygienic and Comfortable
Big Strip, Easy Grip

Model : G 300

Absorbent Hole
Grip
Confirmation Window
Contact Port
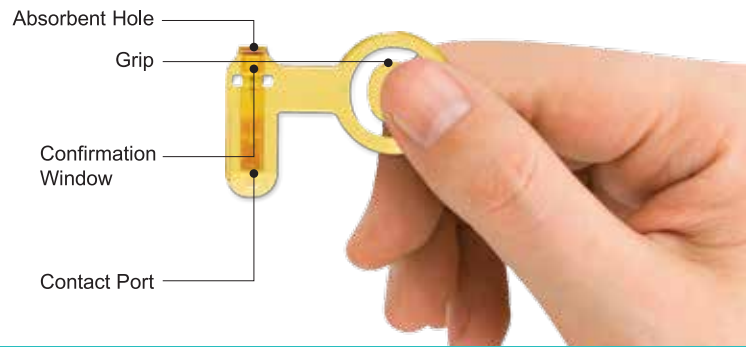
Technical Specifications

Model No.	G 300
Methodology	Electrochemistry
Measurement Time	**5 Seconds**
Blood Sample Volume	**0.5 μℓ**
Sample Type	Whole Blood (Capillary or Venous)
Measurement Range	**10~900mg/dL(0.6 ~50 mmol/L)**
Memory	1,000
LED Indicator	**Indication LED lighting**
PC Interface	USB
Calibration	Code Key
Operation Condition	Temp. : 4 ~ 40 ℃ / Humi.: <85 %
Storage Condition	Meter : -10 ~60 ℃, Strip: 1~32 ℃
Battery	CR-2032 (1 Coin battery)
Battery Life	**3,000 Tests (with LED lighting: 1,000 tests)**
Meter Dimensions (W x L x T)	53.6 mm x 94 mm x 14.9 mm
Weight	35 g(with battery)

OEM / ODM Available

Put your identity in the product

Imagine your unique strip that boosts your business.

The moment your customers meet the unique strip, they will think this product is customized exclusively for them. It will build your identity and differentiate your sales from the sales of conventional "me-too strips". We create a whole new range of strips for you. You can have the world's most innovative strip, this will lead you to take the superior position in the competitive BGMS market. Make your own successful story with CERAGEM MEDISYS.
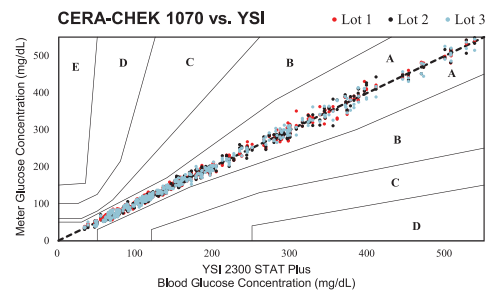
Alphabet   Pharmacy   Angel wing   Music note

System Performance

Clinical Accuracy

Consensus Error Grid Analysis (CEG) is accepted as one of the "gold standards" for determining the accuracy of blood glucose meters. CERA-CHEK™ shows excellent performance from the analysis where all the test results fall in the clinically valid region A within +/- 15% error.

CERA-CHEK 1070 vs. YSI

• Lot 1 • Lot 2 • Lot 3

Meter Glucose Concentration (mg/dL)

YSI 2300 STAT Plus
Blood Glucose Concentration (mg/dL)
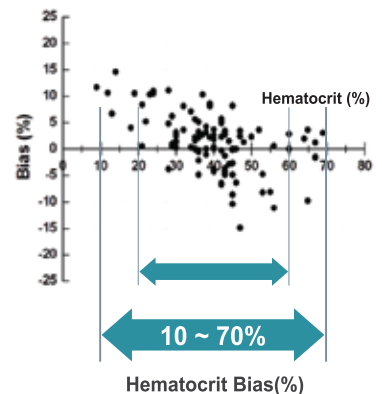
Within Run Precision Test (Venous Blood)

In our continuous quality control procedures, the CERA-CHEK™ 1070 BGMS revealed the highest Within Run precision from lot to lot data measuring.

Glucose Average (mg/dL)	SD	CV(%)
45 (2.5mmol/L)	2.4	4.9
98 (5.4mmol/L)	3.1	3.1
129 (7.5mmol/L)	4.3	3.2
228 (12.7mmol/L)	7.0	3.0
326 (18.1mmol/L)	7.3	2.2

*SD=Standard Deviation **CV=Coefficient of Variation

Influence of Hematocrit

CERA-CHEK™ applies latest advanced technology to minimize influences of hematocrit.
The different hematocrit level is the main cause of errors that degrades the accuracy.
CERA-CHEK™ shows excellent suppression of hematocrit influence from 10% ~ 70%.

Hematocrit (%)

Bias (%)

10 ~ 70%

Hematocrit Bias(%)

G30IF0C02 (05/14)