

CareSens[®] Dual

Blood Glucose & β -Ketone Monitoring System



*Actual Size

No Oxygen Interference

- Measurement of both blood glucose and β -Ketone
- Fresh capillary / Venous / Neonatal / Arterial whole blood



Specifications

• For blood glucose testing

- 0.4 μ L / 5 seconds
- 20 – 600 mg/dL
(1.1 – 33.3 mmol/L)
- Hematocrit: 15 – 65%
- 5 – 45 °C (41 – 113 °F)

• For blood β -Ketone testing

- 0.5 μ L / 8 seconds
- 0.1 – 8.0 mmol/L
- Hematocrit: 30 – 60%
- 15 – 30 °C (59 – 86 °F)

Features

- 1,000 test result memory
- No coding required
- Hypoglycemia / Hyperglycemia indicator
- Strip expiration date indicator
- Strip ejection button
- Auto back-lighted LCD
- 1, 7, 14, 30, 90-day test averages
- Pre-meal, Post-meal, Fasting and No-mark flagging
- 4 alarms (PP2* and 3-time set alarms) *2 hours after meal
- Blood β -Ketone test alarm
- Bluetooth[®]
- Data port

Easy Diabetes Care: Less work and less worry with CareSens® Dual

One-step Operation

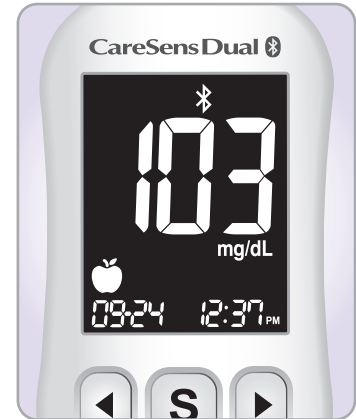
- No-coding
 - Just insert the strip and you are ready to test in one step.
 - CareSens® Dual automatically converts to a blood β -Ketone mode by inserting the KetoSens test strip.



① Insert test strip



② Apply blood sample

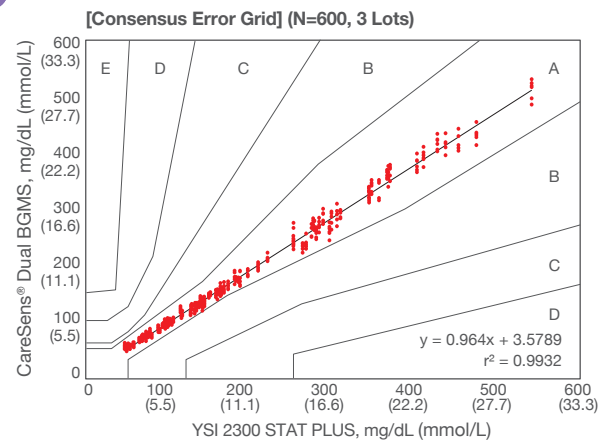


③ Result in 5 seconds

Improved Measurement Performance

- Advanced accuracy
 - 99.7% of results within ± 15 mg/dL (0.83 mmol/L) or $\pm 15\%$ of the reference results, meeting ISO 15197:2013 (EN ISO 15197:2015) accuracy criteria.

Within ± 5 mg/dL or $\pm 5\%$	Within ± 10 mg/dL or $\pm 10\%$	Within ± 15 mg/dL or $\pm 15\%$
400/600 (66.7%)	576/600 (96.0%)	598/600 (99.7%)



Accuracy You Can Trust



Source: IDT im Science Park [online image]. (2016). November 29, 2018. Retrieved from <https://www.uni-ulm.de/en/universitaet/communications/press-and-public-relations/current-topic/30-jahre-idt/>

IDT¹⁾ Proven Accuracy

- Clinically validated
 - Specialized in clinical research in the area of diabetes mellitus
- Full compliance
 - Compliance with ISO 15197:2013 (EN ISO 15197:2015) standards²⁾

1) IDT: Institute for Diabetes-Technology Research and Development Corporation at the University of Ulm

2) Freckmann G, et al. Evaluation of Analytical Performance of Three Blood Glucose Monitoring Systems:

System Accuracy, Measurement Repeatability, and Intermediate Measurement Precision. J Diabetes Sci Technol (2018).