



GD40

Blood Glucose
Monitoring System



SPECIFICATIONS

Model No.	FORA GD40
Detection method	Electrochemical amperometric
Enzyme	GDH-FAD
Sample size	1.1 uL
Result time	5 seconds
Hematocrit range	0-70%
Result range	10-600 mg/dL (0.5-33.3 mmol/L)
Sample type	Capillary, venous, arterial
Strip code	Code card
Ketone warning	Yes \geq 240 mg/dL (13.3 mmol/L)
Data transmission	USB (GD40a) Bluetooth (GD40b)
Memory capacity	1000 results
AC/PC in memory	Yes
QC record	Yes
Day averages	7/14/21/28/60/90 days
Daily alarm	4 sets
LCD backlight	Yes
Strip indication light	Yes
Strip ejection	Yes
Operating condition	+10°C(50°F) ~ +40°C(104°F)
Storage condition	Meter : -20°C(-4°F) ~ +60°C(140°F) Strip : 2°C(35.6°F) ~ 32°C(89.6°F) (Vial Pack)
Power supply	Two AAA batteries
Dimension	110*57*25 mm
Weight	71 g



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**TRUE NEAR-PATIENT
TESTING FOR
NEONATE, CHILDREN
AND ADULTS**



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MAXIMIZED BENEFITS



ADVANCED SUPERIOR SIP-IN (ASSI) TECHNOLOGY

Instant Sip-in. Pioneering Precision



5-Electrode Technology

Achieves the highest measuring accuracy and overcomes hematocrit limitations innovative 5-Electrode Technology.

Each glucose measurement is corrected by a factor depending on its hematocrit level, and is / converted to a plasma-calibrated result.



- 1 Individual hematocrit level is detected at touch.
- 2 Blood glucose is detected and measured.
- 3 A detection point to avoid erroneous reading due to insufficient blood sample volume.

Our true near-patient testing GD40 solution best meets the needs of blood glucose monitoring and management in primary care, neonatal care, child nursery, nursing homes for elderly care, decentralized testing, clinics and healthcare centers.

FORA GD40 offers an ultimate platform for accurate, fast and reliable true near-patient blood glucose level monitoring. Apply and test your sample with a touch of assurance of averting from false start, testing error and unnecessary waste of strip.

- ✓ High accuracy with GDH-FAD strip technology
- ✓ Wide use with 0-70% hematocrit range
- ✓ Success increase in testing with strip feed light
- ✓ Easy-to-read with LCD backlight
- ✓ Hygiene with strip ejection
- ✓ Reliable approval with clinically validated by IDT (Institute for Diabetes Technology GmbH) in Germany



IMPROVED PATIENT CARE

Immediate diagnostic results generated from near-patient testing often lead to better patient compliance with their medication and insulin therapy regimes. Diabetes mellitus is well known as a lifestyle disease. A lifetime commitment to good self-diabetes management is essential in maintaining near-normal glycemia and lowering risks of diabetic complications. Performing blood glucose monitoring in front of the patient and having direct face-to-face guidance about suggested changes often result in an immediate positive impact on patient compliance.

Furthermore, near-patient testing also helps improve the care standards, result turnaround time, staff efficiency, and the overall effectiveness of diabetes management.

FULL CONTROL IN THE PALM OF YOUR HANDS

True near-patient testing means on-the-go testing regardless of the type of patient.

In other words, it means

- no interference from various hematocrit
- no interference from various sample types
- no interference from non-glucose sugars that may be present in patients blood samples



Advanced GDH-FAD Technology



Tiny Blood Sample



Quick Test Result



LCD Backlight



Strip Feed Light



Strip Ejection



Pre & Post-Meal Recording



Tests in Memory



4 Alarm Settings



7/14/21/28/60/90 Days Average



Support FORA TeleHealth System

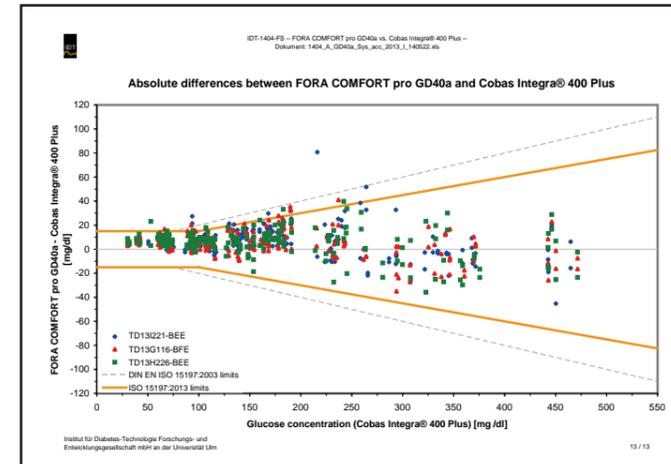


Bluetooth Connectivity

Performance Beyond Expectation As Proven

The international standard, ISO 15197:2013, requires that at least 95% of the results from blood glucose meters should be within 15% of laboratory results when equal to or above 100 mg/dL and within 15 mg/dL when below 100 mg/dL.

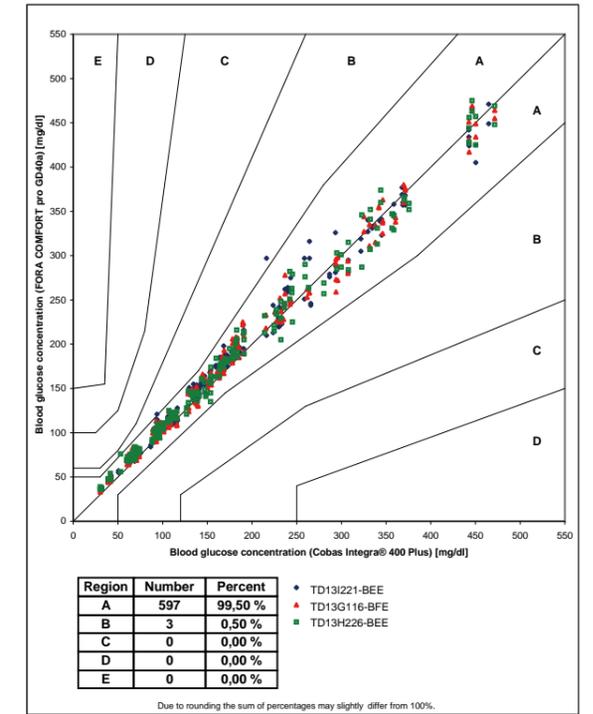
A clinical study done in May 2014 was conducted by the Institute for Diabetes-Technology (IDT) at the University of Ulm in Germany, FORA GD40 BGM system is evaluated with three reagent system lots and compared with Cobas Integra® 400 Plus glucose analyzer as the reference system. The report indicates that 100% of the results from samples < 100mg/dL (5.55mmol/L) fall within ± 15 mg/dL (± 0.83 mmol/L) criteria while 98% from samples > 100 mg/dL (5.55 mmol/L) fall within ± 15 % criteria.



- A: Clinically accurate
- B: Deviating from the reference method by more than 15% but would lead to benign or no treatment
- C: Deviating from the reference method by more than 15% and would lead to unnecessary corrective treatment errors
- D: Potentially dangerous failure to detect and treat blood glucose levels outside of desired target range
- E: Resulting in erroneous treatment

With complete confidence in its clinical accuracy, you can now optimize your patient's medication and/or insulin treatment and improve diabetes care and treatment outcomes through patient counseling, education and communication.

Consensus Error Grid for FORA COMFORT pro GD40a with three reagent system lots



FORA GD40 blood glucose system complies with the requirements of ISO 15197:2013 Standard and its system accuracy is proven with:

Glucose levels < 100mg/dL (5.55 mmol/l)

Within ± 5 mg/dL (Within ± 0.28 mmol/L)	Within ± 10 mg/dL (Within ± 0.56 mmol/L)	Within ± 15 mg/dL (Within ± 0.83 mmol/L)
23 / 58 (39,7 %)	45 / 58 (77,6 %)	56 / 58 (96,6 %)
20 / 56 (35,7 %)	40 / 56 (71,4 %)	53 / 56 (94,6 %)
24 / 58 (41,4 %)	44 / 58 (75,9 %)	55 / 58 (94,8 %)

Glucose levels ≥ 100 mg/dL (5.55 mmol/l)

Within ± 5 %	Within ± 10 %	Within ± 15 %
75 / 142 (52,8 %)	112 / 142 (78,9 %)	136 / 142 (95,8 %)
82 / 144 (56,9 %)	126 / 144 (87,5 %)	139 / 144 (96,5 %)
68 / 142 (47,9 %)	122 / 142 (85,9 %)	138 / 142 (97,2 %)



FULL CARE BY FORACARE

Managing massive patient information and medical data and history can be challenging.

Through a user friendly interface, FORA TeleHealth System ensures fast and easy retrieval of patient information, helps managing and optimizing, diabetes regimes, and provides customized trending and analysis according to your needs.