

# FORA<sup>®</sup> A1C100

Clinically  
Validated

## Hemoglobin A1c Analyzer



**Simple. Accurate. Reliable.**

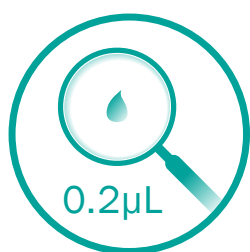
FORA<sup>®</sup> Hemoglobin A1c Analyzer is certified by NGSP and standardized by IFCC. By using the FORA<sup>®</sup> Hemoglobin A1c Analyzer, doctors are able to measure and discuss the results with their patients directly, and thus adjust the treatment necessary.



# FORA<sup>®</sup> Hemoglobin A1c Analyzer

## BENEFITS

The FORA<sup>®</sup> Hemoglobin A1c Analyzer, with its new cutting-edge technology, provides lab-quality measurements with a **tiny blood sample (0.2µL)**. Due to its highly sensitive immunoturbidimetry detection method and fully automated processing, it is able to **detect all physiological conditions ranged between 4.0~16.0%** and provide **lab-quality results in less than 6 minutes**. In addition, the **3-step method** with a **built-in tutorial** reduces manual process errors.

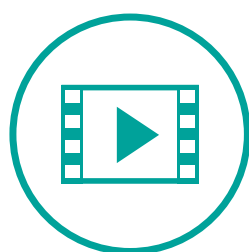


0.2µL

Tiny Blood Sample



Full Automation



Built-in Tutorial



3

steps

Easy to Use



3.8kg

Toaster Size

Simple.  
Accurate.  
Reliable.

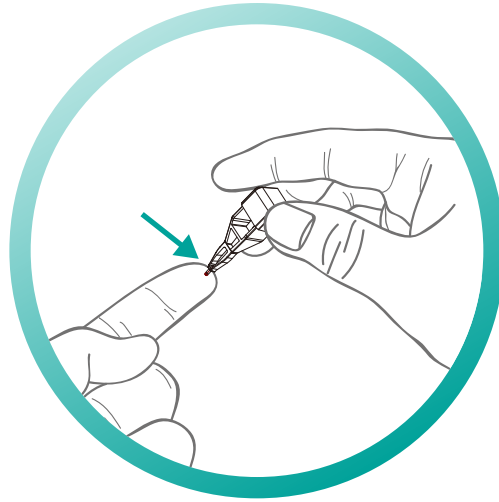
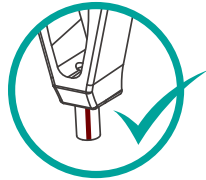


# TEST IN 3 STEPS

- 3-step method : built-in tutorial with step-by-step instructions.
- Fully automatic design with all-in-one cartridge reduces the possibility of human error.

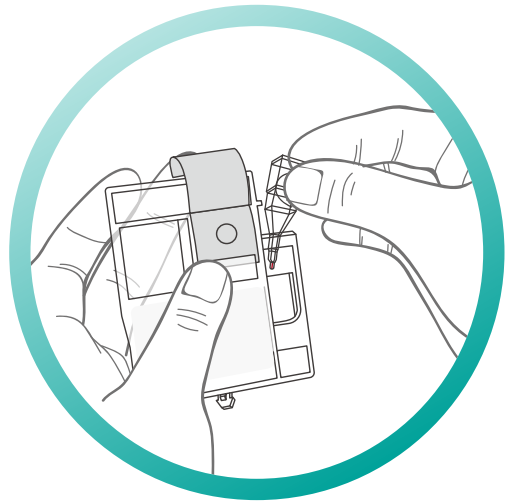
1

Collect blood sample  
(whole blood, plasma)



2

Insert the capillary holder  
into the cartridge



3

Insert Cartridge &  
pull the tab



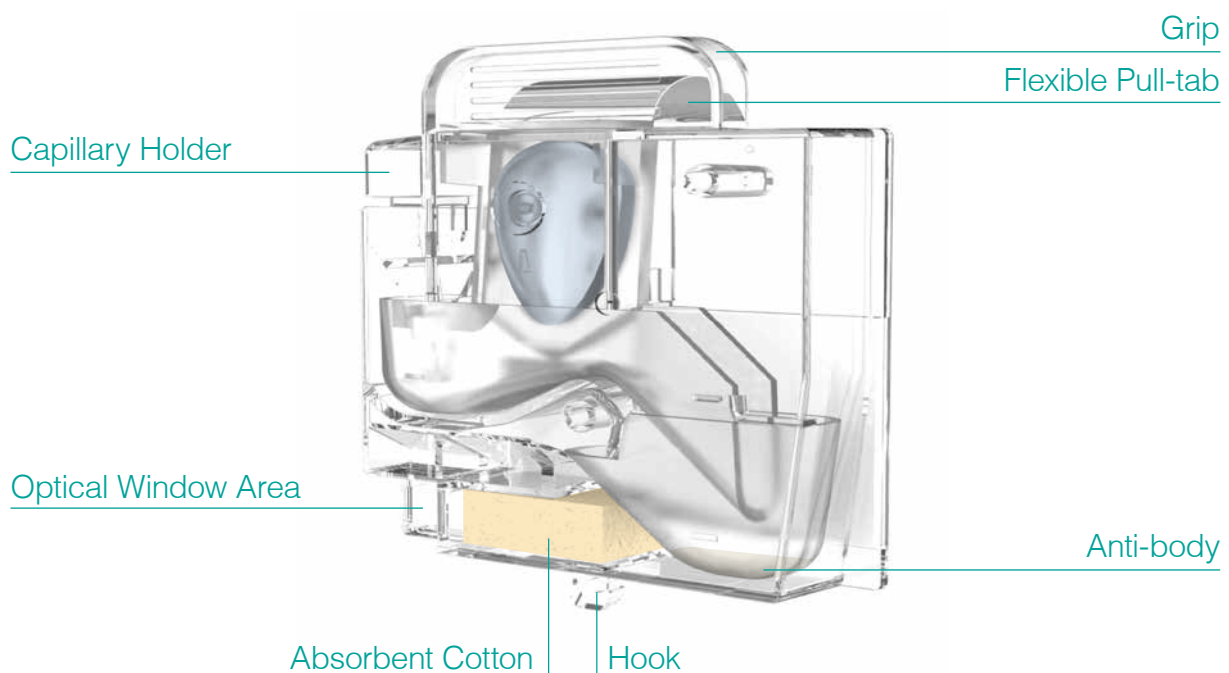
# PRODUCT OVERVIEW



- 1. Compact Design
- 2. Easy to Carry
- 3. Anti-Slip Rubbers
- 4. Colour Display Screen with Graphic Operator Interface
- 5. Power Button
- 6. Large Buttons
- 7. Power Switch
- 8. DC Adapter Port
- 9. Type A USB Port for Barcode Scanner / Keyboard
- 10. Type B USB Port\*
- 11. Embedded Printer

\*Only available for the manufacturer, not applicable for lay users.

# ALL-IN-ONE CARTRIDGE



Cartridge Storage : in refrigerator (2°C to 8°C ; 35.6°F to 46.4°F) for 12 months;  
in room (8°C to 25°C ; 46.4°F to 77°F) for 3 months.

# FEATURES

FORA® Hemoglobin A1c Analyzer is certified by NGSP and standardized by IFCC.

By using the FORA® Hemoglobin A1c Analyzer, doctors are able to measure and discuss the results with their patients directly, and thus adjust the treatment necessary.

## Easy to use

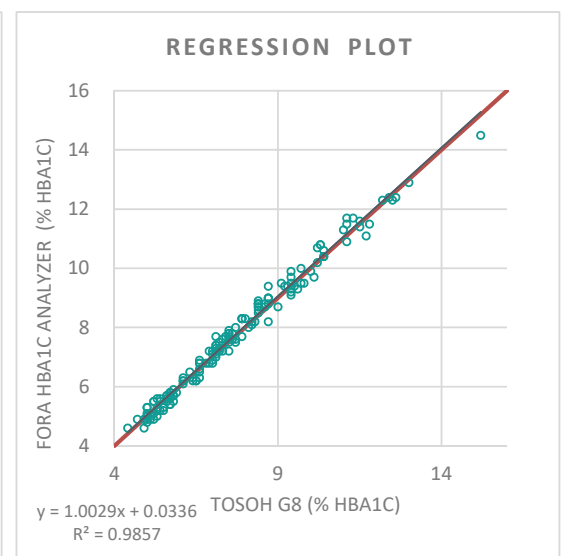
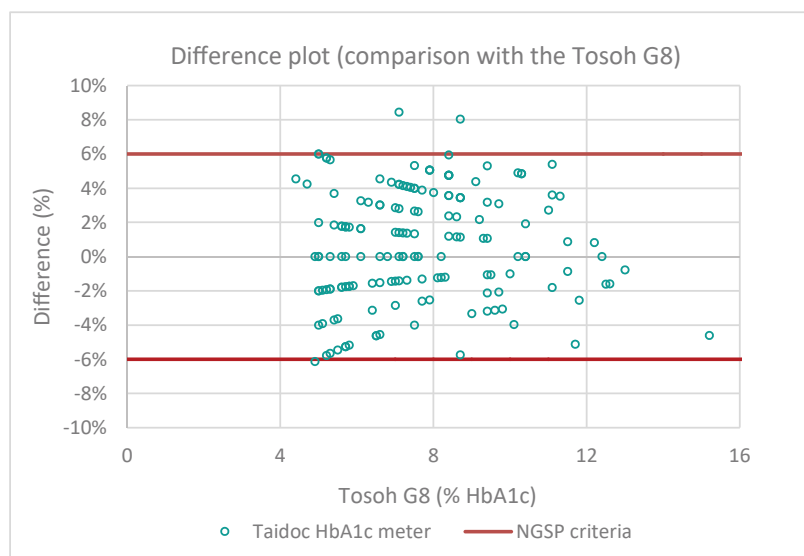
- **3-step method** : built-in tutorial with step-by-step instructions.
- **Fully automatic design with all-in-one cartridge** reduces the possibility of human error.
- Integrated detection system ensures test safety and accuracy.
- **Safe and hygienic** reagent cartridge design to reduce the possibility of cross-infection.
- **Thermal printer embedded** to directly print results.

## Save time and cost

- Save the detour between office and laboratory.
- **No pretreatment; no pipetting required.**
- Get test results **within 6 minutes.**
- **Large colour display, easy-to-read results;** Both units of HbA1c (% , mmol/mol) and eAG unit (mg/dL / mmol/L) displayed for more convenience and understanding.
- **No clinical liquid waste,** all is sealed in the cartridge for easy disposal.
- USB connection supports : barcode reader / keyboard.

# RESULTS

- Detect **all physiological conditions range: 4.0~16.0%**
- Imprecision: **CV < 2.2%**
- No interference from common Hb variants (HbF, HbS, HbC and HbJ)



$$Y = 1.0029x + 0.0336, R^2 = 0.9857, CV < 2.2\%. n=160.$$

# SPECIFICATIONS



## FORA® Hemoglobin A1c Analyzer

|                              |  |
|------------------------------|--|
| Model No.                    | FORA A1C100  |
| Dimensions                   | 5.28 (H) X 7.67 (W) X 9.25 (D) inch<br>13.4 (H) X 19.2 (W) X 23.5 (D) cm                 |
| Weight                       | 3.8 kg   |
| System Description           | Point-of-care Immunoassay Analyzer   |
| Measuring Method             | Photometry   |
| Environmental Condition      | Operation : 15~32°C (59~89.6°F), 10~90% R.H.<br>Storage : 10~35°C (50~95°F), 10~90% R.H. |
| Sample Preparation           | No pre-treatment; no pipetting required  |
| Sample type                  | Capillary whole blood from fingertips or anticoagulated venous whole blood (EDTA)        |
| Quantitative Tests           | Hemoglobin A1c (whole blood) Range : 4%~16%  |
| Display Unit                 | HbA1c unit % or mmol/mol, and eAG unit mg/dL or mmol/L                                   |
| Precision                    | CV < 5%  |
| Patient ID/Operator ID Entry | Barcode reader or keyboard (Optional)  |
| Memory                       | 10,000 results   |



## FORA® Hemoglobin A1c Reagent Cartridge

|                     |  |
|---------------------|--|
| Model No.           | FORA A1C101  |
| Sample Volume       | ≤ 0.2 µL   |
| Time to Test Result | HbA1c ≤ 6 minutes  |
| Dimensions & Weight | 7.33 (L) x 5.82 (W) x 1.26 (H) cm,<br>25g  |
| Unit / Carton       | 20 pcs   |
| Cartridge Storage   | In refrigerator : 2°C~8°C (35.6°F~46.4°F) for 12 months;<br>In room : 8°C~25°C (46.4°F~77°F) for 3 months. |



EXCLUSIVELY DISTRIBUTED BY:

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