

FORA® A1c pro Analyzer

BENEFITS

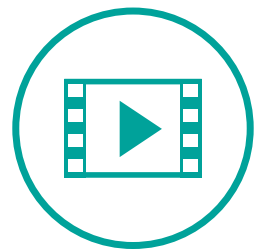
The FORA® A1c pro analyzer, with its new cutting-edge technology, provides lab-quality measurements with **the smallest blood sample (0.2µL)** in the market. Due to its highly sensitive immunoturbidimetry detection method and fully automated processing, it is able to **detect all physiological conditions 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.



Tiny Blood Sample



Full Automation



Built-in Tutorial



Easy to Use



Toaster Size

Simple.
Accurate.
Reliable.



PRODUCT OVERVIEW

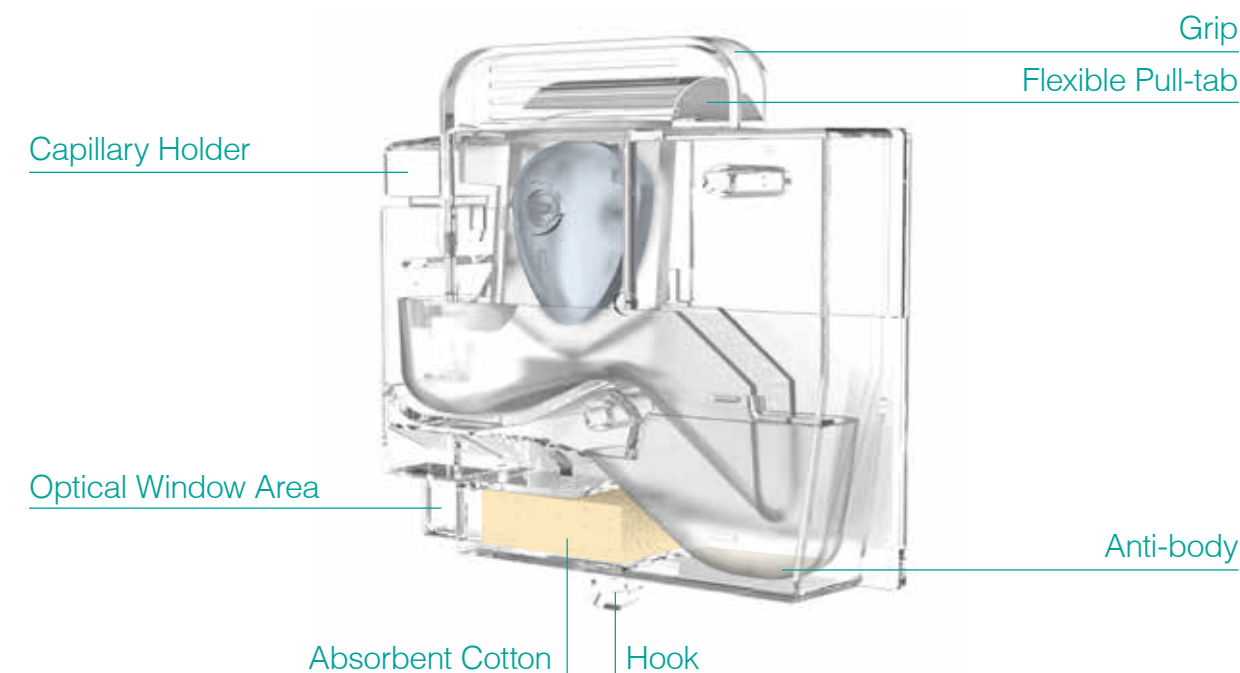


1. Compact Design
2. Easy to Carry
3. Anti-Slip Rubbers
4. Colour Display Screen with Graphic Operator Interface
5. Power Button
6. Large Buttons

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 manufacturer, not for the lay user.

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® A1c pro analyzer is certified by NGSP and standardized by IFCC.
By using the FORA® A1c pro analyzer, doctors are able to measure and discuss the results with their patients directly, and thus adjust the treatment necessary.

Easy to use

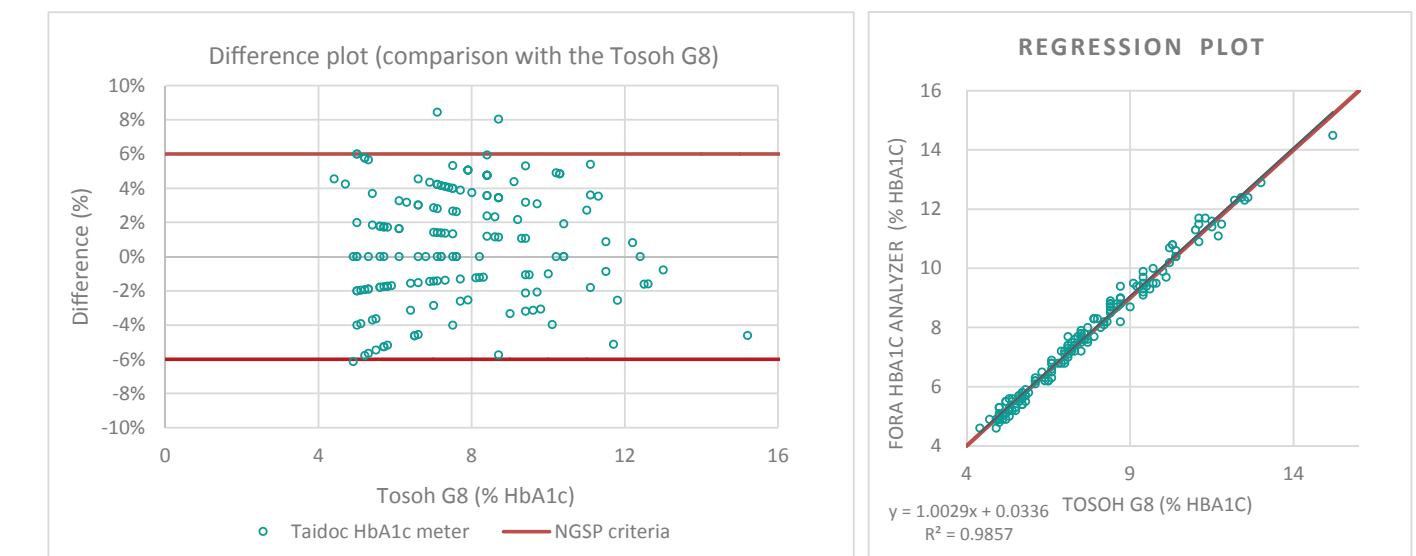
- **3-step method** : built-in tutorial with step-by-step instructions.
- **Fully automatic design with all-in-one cartridge** reduces the possibility of human error.
- Integrated detection system ensures test safety and accuracy.
- **Safe and hygienic** reagent cartridge design to reduce the possibility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

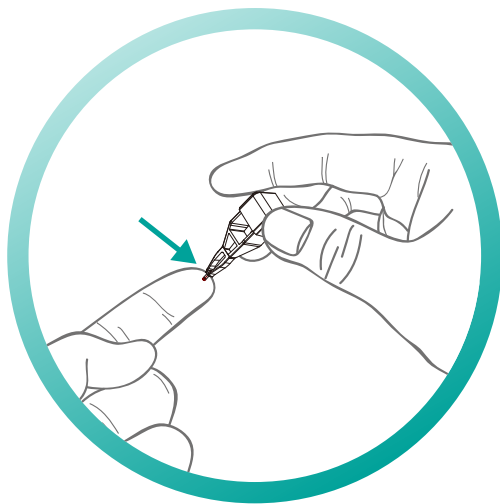


$Y = 1.0029x + 0.0336$, $R^2 = 0.9857$, $CV < 2.2\%$. $n=160$.

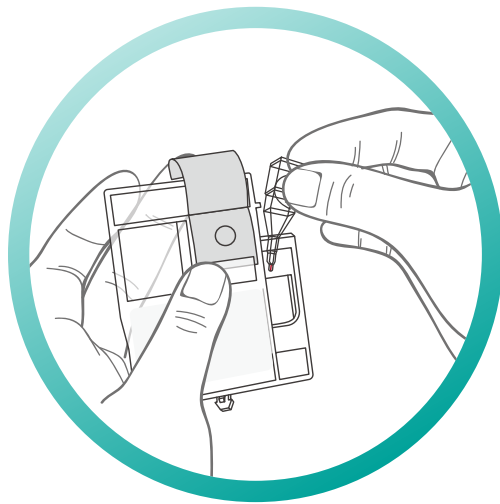
TEST IN 3 STEPS

- 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.

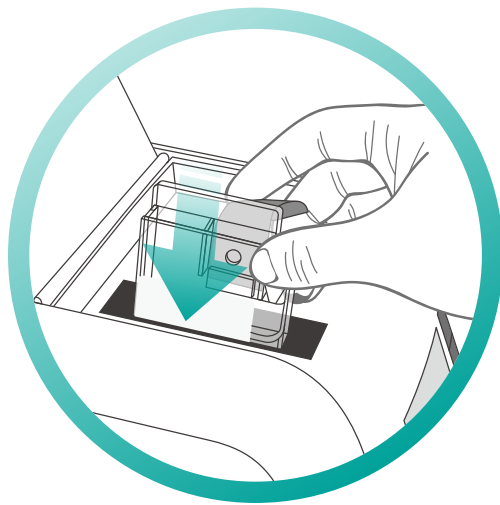
1 Collect blood sample
(whole blood, plasma)



2 Insert the capillary holder
into the cartridge



3 Insert Cartridge &
pull the tab



SPECIFICATIONS



19.2 cm (7.56 inch)

13.4 cm (5.28 inch)

A1c pro Analyzer	
Model No.	A1C100
Dimensions	5.28 (H) X 7.67 (W) X 9.25 (D) inch 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. 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



Test Cartridge	
Model No.	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, 25g
Unit / Carton	20 pcs
Cartridge Storage	In refrigerator : 2°C~8°C (35.6°F~46.4°F) for 12 months; In room : 8°C~25°C (46.4°F~77°F) for 3 months.

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Clinically
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Point-of-care Immunoassay Analyzer



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