



PixoTest[®] POCT

System

- HbA1c (FDA cleared)
- Lipid Profile

MORE COMING

“Point-of-care testing allows patient diagnoses in the physician’s office, an ambulance, the home, the field, or in the hospital. The results of care are timely, and allow rapid treatment to the patient. Empowering clinicians to make decisions at the “point-of-care” has the potential to significantly impact health care delivery and to address the challenges of health disparities. The success of a potential shift from curative medicine, to predictive, personalized, and preemptive medicine could rely on the development of portable diagnostic and monitoring devices for point-of-care testing.”

~ NIH Fact Sheet ~

Now, PixoTest POCT System comes to meet this requirement...

PixoTest POCT System integrates APP features and multiple IVD tests including HbA1c & Lipid into one device to provide efficient and accurate results. The PixoTest technology utilizes the lighting and image sensing module of the smartphone to detect the color change reaction on test strips. The image of the test strip is captured by the front camera and analyzed via the measurement algorithm to turn out a quantified result.

This modular analyzer allows users to test multiple biomarkers without changing devices, which lowers costs and waste. Moreover, the embedded wireless transmission elements make all test data be seamlessly uploaded to the cloud and connected to the patient management systems.

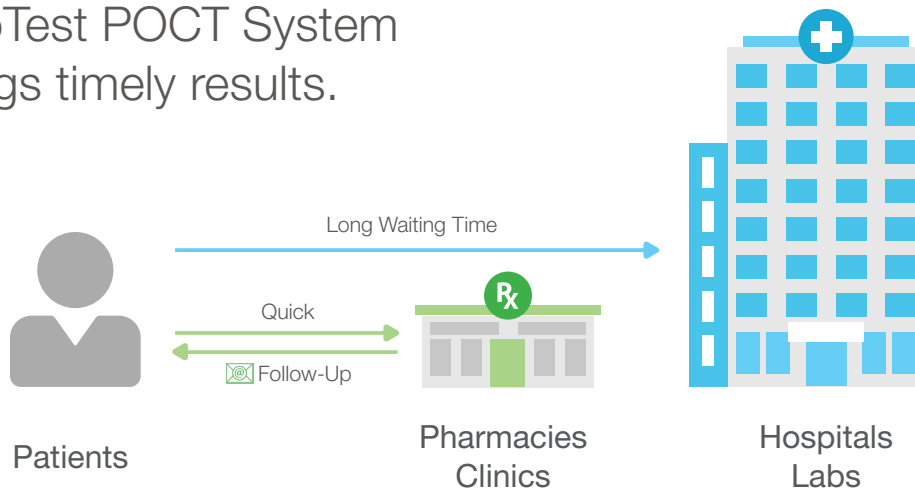
With good integration of IVD and IT application, the Pixo-Test POCT system can be perfectly installed in pharmacies or clinics in the community and fit into their operation process to provide better efficiency and maximize benefits brought by POCT system.

FDA
CLEARED*

CE

IFCC
International Federation
of Clinical Chemistry
and Laboratory Medicine

PixoTest POCT System brings timely results.



The Features



PORTABLE

Handheld design for ease of carrying to the community.



EXTENSIBLE

Modularization for multiple in vitro diagnostic testing.

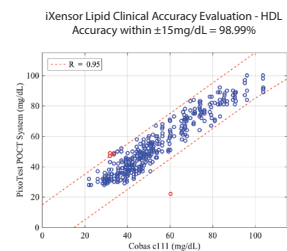
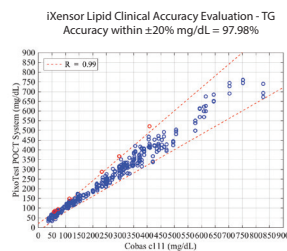
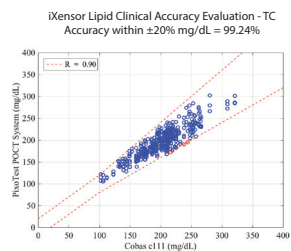
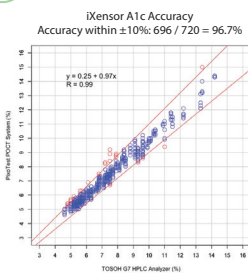


EFFICIENT

Quick test result and intuitive UI design can fit perfectly into the operation process and improve efficiency.



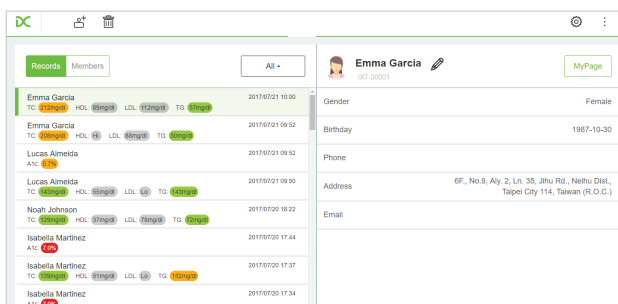
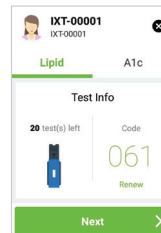
ACCURATE



eMANAGEMENT

All test data can be seamlessly uploaded to the cloud and connected to the management systems of community-based point-of-care facility.

Biomarkers		
Diseases	Available	Coming soon
Heart	Lipid	Troponin I / CRP
Diabetes	A1c	Ketone / Lactate
Cancer		FOB / PSA
Liver Function		GOT / GPT
Renal Function		UA / Creatinine
Others		Ferritin / Vitamin D



Product Specification

A1c (*FDA cleared)

Measurement	Hemoglobin A1c
Sample Type	Whole blood, fingertip blood & venous blood*
Sample Volume	5 µL
Testing Time	Within 3 minutes
Principle	Optical and immunoassay method
Measurement Range	4 – 15% (20-140 mmol/mol)
Hemoglobin Range	7 - 23 g/dL
HCT	25 – 65%
Operating Temperature	15 - 32°C (59°F - 90°F)
Storage Temperature	1 - 30°C (34°F - 86°F)

Lipid

Measurement	Lipid Profile (Total cholesterol, HDL, Triglycerides and Calculated LDL)
Sample Type	Whole blood, fingertip blood & venous blood
Sample Volume	35 µL
Testing Time	Within 3 minutes
Principle	Optical and enzymatic method
Measurement Range	TC: 100-450 mg/dL HDL: 25-95 mg/dL TG: 45-650 mg/dL
Operating Temperature	18 - 32°C (64°F - 90°F)
Storage Temperature	2 - 32°C (36°F - 90°F)



Analyzer: POC-X01 / A1c Test Strip: CDM-D01 / Lipid Test Strip: CDM-C01



Website



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iXensor Co. Ltd.

6F., No. 9, Aly. 2, Ln. 35, Jihu Rd.
Neihu District, Taipei City, Taiwan (R.O.C.)
T +886-2-8751-1335 F +886-2-8751-8059
info@ixensor.com
www.ixensor.com