



APEXBIO
Company Profile

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2019/12/12

Company Profile

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Stock #	TSEC 1733
Industry	IVD Medical Device
Operation Locations	Headquarter: No. 7, Li-Hsin 5 th Rd., Hsinchu Science Park, Hsinchu, Taiwan Tao Yuan Factory: No. 180, Lane 70, Wuqing Rd., Dayuan Dist., Taoyuan City 337, Taiwan Suzhou Corp. : Room 106, No.2, Kecheng Road, SIP, Suzhou, China Omnis Health LLC: 1309 Elm Hill Pike, Nashville, TN 37210, USA
Started	12/02/1997
IPO	06/13/2000(4101 OTC) 09/17/2001(1733 TSEC)
Capital	NTD 1 Billion
Chairman/CEO	Thomas Shen PhD
Employees	751 people (upto 10/31/2019)

Milestone

1997 ApexBio set-up
1998 BGM FDA 510K approval
1999 Uric Acid patent granted
2000 IPO listed to Taiwan OTC
2001 Transit IPO listed to TSEC

2007 Lactate launch
2008 Voice BGM launch
2009 Taoyuan factory set-up
2010 Tele-health tech build-up
2011 AEO certified by Customs Admin

2017
• Acquired Omnis Health LLC 98%
• Pass Brazil ANVISA on-site audit
2018
• iCGM production set-up
• Ket-1 FDA 510K approval



1997-2001

2002-2005

2006-2011

2012-2015

2016-2018



2002 ISO 9001/13485 notified
2003 CE IVDD notified
2005 Pesticide residues check product launch

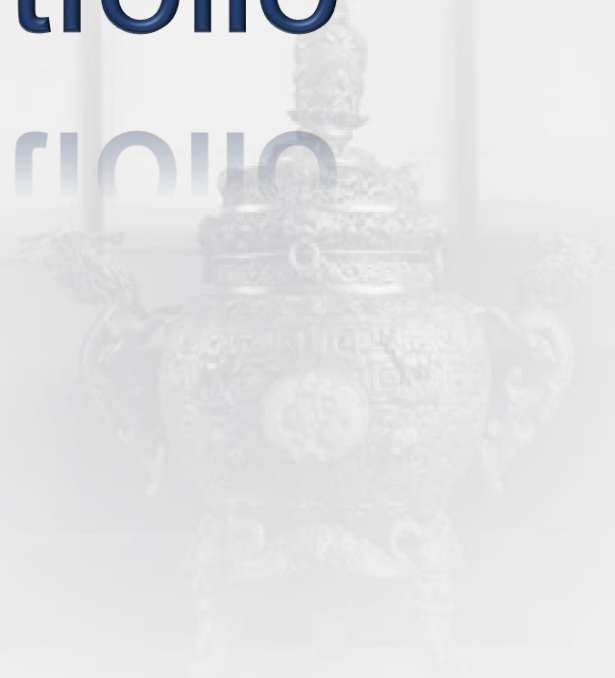
2012 ApexBio Suzhou Corp set-up
2013 1st Taiwan MITTELSTAND Award from MOEA
2015 . HbA1C/MultiSure GK products launch
 . APEA Award Outstanding Category
 . ISO14001/OHSAS18001 notified

Quality System

Region	The Authority	Regulatory compliance
Taiwan	TFDA	GMP
EU	CE	ISO 13485:2016 CE mark number:CE0197 EN ISO 15197:2015
USA	FDA	510K's FDA on-site audit w/o 483 citations 2001/2006/2011/2016
China	CFDA	Medical Device Class II
Japan	PMDA	
Brazil	ANVISA	2017 passed on-site audit

Product Portfolio

Product Portfolio



New Product-GlucoSure A1c

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GlucoSure A1c HbA1c ANALYZER



1-Step Testing without Buffer
Portable/Handheld Operation
Enzymatic Electrochemistry
Dry Reagent Strip, No Refrigeration Required
Large Display
Bluetooth

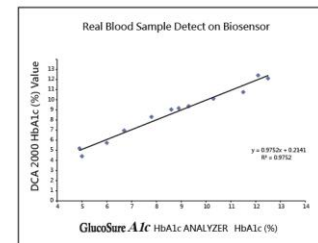
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GlucoSure A1c HbA1c ANALYZER

Glycated hemoglobin (HbA1c) is a form of hemoglobin chemically linked to glucose. It indicates one's blood glucose level over the past 60 to 90 days.

APEXBIO's hand-held GlucoSure A1c HbA1c Analyzer is first in the industry of one-step (no buffer solution required) to test accurately from a fingerstick with enzymatic electrochemistry based method dry reagent strips. It offers a fast and simple way to measure HbA1c in a professional setting and at home. Intergrated Bluetooth connectivity to upload data for cloud storage and remote analysis, it's an all-around device benefits both physicians and patients.

HbA1c Testing Performance



Specifications

Methodology:	Enzymatic Electrochemistry	Power Supply:	1.5V AAA x 4
Sample Volume:	≥ 15µl	Display:	57L x 50W (mm)
Sample Type:	Capillary Whole Blood	Dimension:	93L x 96W x 26H (mm)
Testing Time:	≤ 6.5 Minutes	Weight:	123g w/o Battery
Testing Range:	4~14% 20~130 mmol/mol	Operating Condition:	Temperature 12~32°C Humidity ≤ 85%
Calibration:	Code Card	Storage Condition:	Temperature -20~50°C (Meter) 4~30°C (Strip) Humidity ≤ 85%
HCT Range:	20~60%		
Precision:	CV ≤ 4%		
Correlation:	≥ 95%		
Data Storage:	250 Tests		
Data Transfer:	USB, BLE		



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New Product-Eclipse PLUS

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Eclipse MULTI-PURPOSE ANALYZER **PLUS**

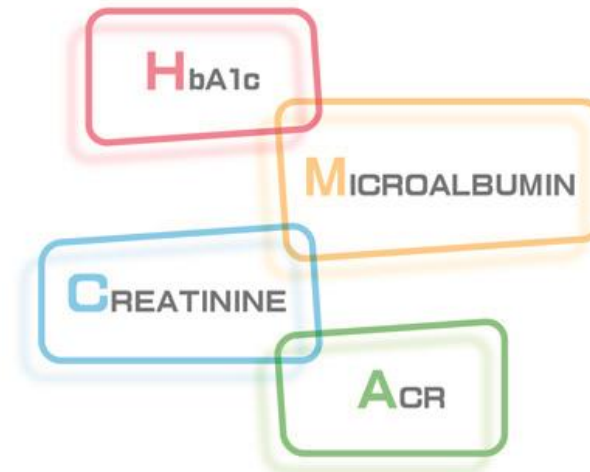
- Hemoglobin A1c
- Microalbumin
- Creatinine
- Albumin Creatinine Ratio (ACR)



Specifications

- Display: 5" Full Color LCD
- Display Unit:
 - HbA1c: %, mmol/mol, eAG
 - Microalbumin: mg/dL
 - Creatinine: mg/dL, mmol/L
 - ACR: mg/g, mg/mmol
- Operating/User Interface: Touch Panel Screen
- Data Port: Type-A USB
- Power Supply: 100~240V, 50/60Hz
- Dimension: 290L x 206W x 137H (mm)
- Weight: 1.6kg
- Operating Condition:
 - Temperature: 18~35°C/Humidity: <80%
- Analyzer Storage Condition:
 - Temperature: 4~50°C/Humidity: <80%
- Cartridge Storage Temperature:
 - HbA1c: 2~8°C
 - Microalbumin: 4~30°C
 - Creatinine: 4~30°C
 - ACR: 4~30°C
- Accessories: Optical Control Cartridge, Barcode Scanner, Printer, USB Cable, Power Adaptor

Eclipse MULTI-PURPOSE ANALYZER **PLUS**



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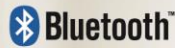
New Product-MultiSure GCTU

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MultiSure® GCTU

Blood Glucose, Cholesterol, Triglycerides and Uric Acid Monitoring System

4 in 1



Small Blood Sample



Hct Correction



Strip Ejector



LCD Backlight



Bluetooth



PC Link

The MultiSure GCTU Monitoring System is a portable biosensor-based device for use at home or in a professional setting to conveniently measure the four important markers of metabolism*; blood glucose, cholesterol, triglycerides, and uric acid all in one pocket-sized instrument.

*Kempf K, Martin S, and Döhring C et al. 2016. The Boehringer Ingelheim employee study (Part 2): 10-year cardiovascular diseases risk estimation. Occup Med (Lond).

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MultiSure® GCTU

Glucose, Cholesterol, Triglycerides and Uric Acid Monitoring System

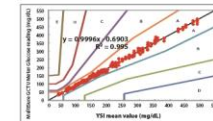
The MultiSure GCTU Monitoring System features a large backlit LCD screen designed for easy reading and requires very little blood sample as compared to standard laboratory testing. The wireless Bluetooth feature enables testing results to transmit seamlessly into a smart device for cloud storage, analysis, and record keeping. Test strips are individually packaged to minimize contamination and ensure optimal performance with every test. The MultiSure GCTU Monitoring System is one of its kind device designed with accuracy and ease of use in mind.



◀ Glucose

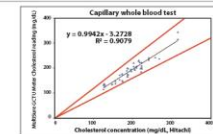
Measurement Range: 20~600 mg/dL
Test Time: 5 Seconds
Sample Size: ≥ 0.5 µL
Hematocrit Range: 10%~70%
Operating Temperature: 5~45°C
Memory: 500 Test Results

ISO 15197:2013		
Sample < 100mg/dL		
+/-5mg/dL	+/-10mg/dL	+/-15mg/dL
143/186	180/186	186/186
76.9%	96.8%	100.0%
Sample ≥ 100mg/dL		
+/-5%	+/-10%	+/-15%
324/414	406/414	414/414
78.3%	98.1%	100.0%



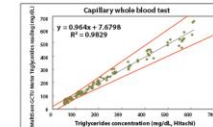
◀ Cholesterol

Test Range: 100~400 mg/dL
Test Time: 60 Seconds
Sample Size: ≥ 3.6 µL
Hematocrit Range: 30%~55%
Operating Temperature: 10~40°C
Memory: 200 Test Results



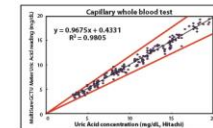
◀ Triglycerides

Test Range: 50~650 mg/dL
Test Time: 60 Seconds
Sample Size: ≥ 1.2 µL
Hematocrit Range: 30%~55%
Operating Temperature: 18~38°C
Memory: 100 Test Results



◀ Uric Acid

Test Range: 3~20 mg/dL
Test Time: 10 Seconds
Sample Size: ≥ 1.5 µL
Hematocrit Range: 20%~60%
Operating Temperature: 10~38°C
Memory: 200 Test Results

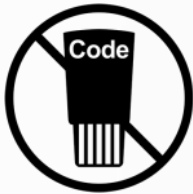


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Blood Glucose Monitoring System

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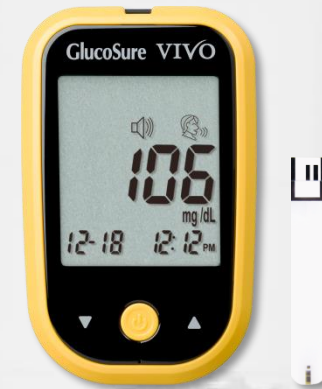


Autocode

GlucoSure VIVO^{Link}
Blood Glucose Monitoring System



GlucoSure VIVO
Blood Glucose Monitoring System



GlucoSure Light
Blood Glucose Monitoring System



GlucoSure HT
Blood Glucose Monitoring System



GlucoSure ADVANCE II
Blood Glucose Monitoring System



Professional Monitoring System

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KET-1
Blood Ketone Monitoring System



Autocode



UA Sure II & UA Sure II^{Link}
Blood Uric Acid Monitoring System



THE EDGE
Blood Lactate Monitoring System



HemoSmart GOLD
Hemoglobin Screening System



Eclipse A1c
Hemoglobin A1c POC Analyzer



Multi-Functional System

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MultiSure

Blood Glucose & Uric Acid Monitoring System



MultiSure GK

Blood Glucose & Ketone Monitoring System



MultiSure GC

Blood Glucose & Ketone Monitoring System



GlucoSure POC

Point-of-Care
Blood Glucose and Ketone
Monitoring System



Pesticide Residues Quick Check

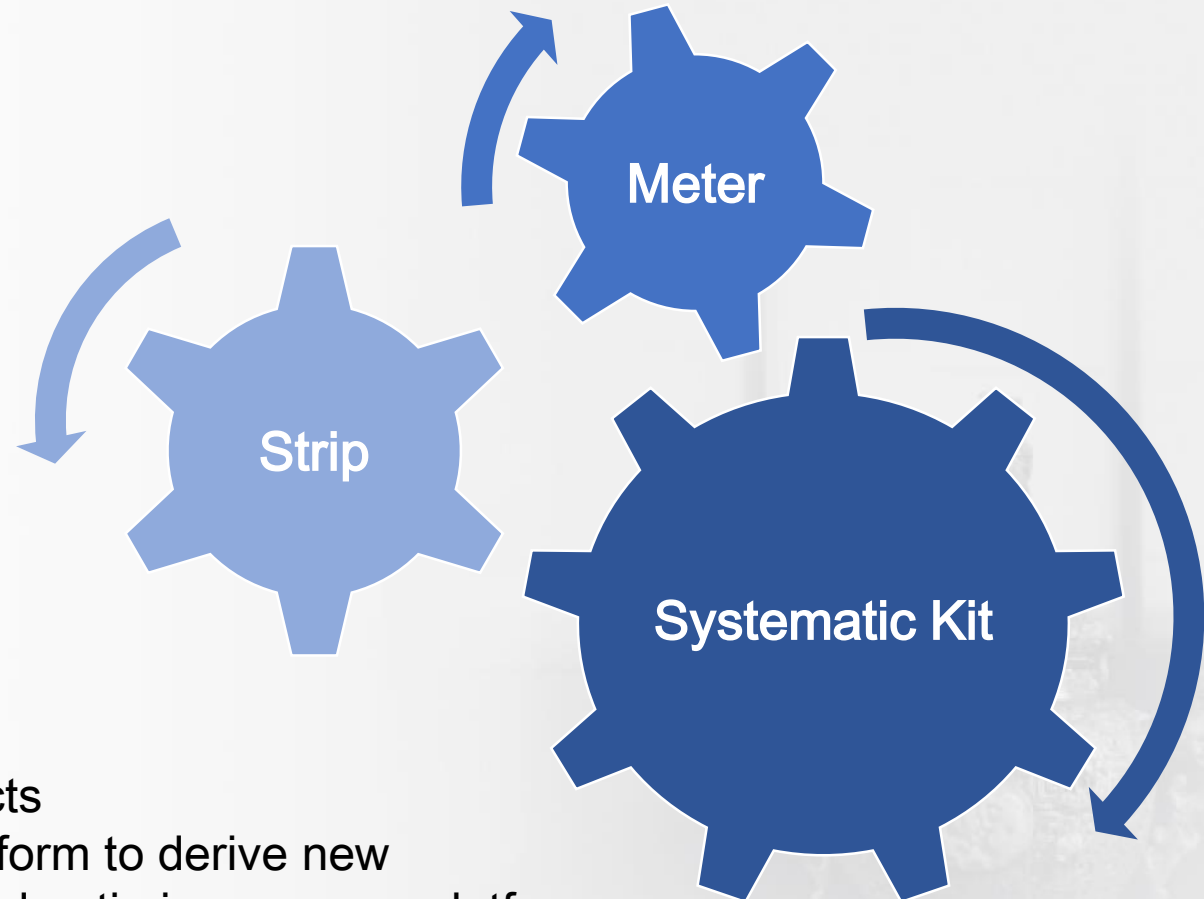
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■ AgriPro

■ AgriPro II



Fruit/Vegetable
Pesticide Residues
Quick Check



Customized projects

1. Innovative products
2. Use ApexBio platform to derive new parameter test and optimize our core platform.
3. Integrate to IOT with hospitals and healthcare service centers

Global sales distribution



Territory	2017	2018	3Q19
USA	48%	43%	45%
EU	40%	46%	45%
Asia	11%	10%	9%
Africa	1%	1%	1%

Finance Performance

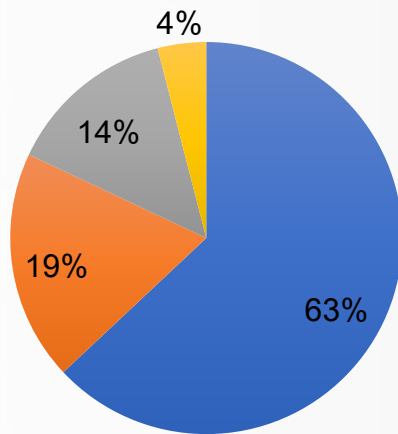
	2017	2018	1-3Q19
Revenue	1,795,300	2,043,614	1,532,452
Gross margin	431,514	560,102	357,522
Operation profit	160,999	227,352	289,591
Profit after tax	82,397	93,658	32,431
EPS	0.86	0.95	0.33
G/M ratio	24%	27%	24%
Shipped Meter Qty (kit)	1,475K	1,638K	1,287K
Shipped Strip Qty(pcs)	936M	1,034M	819M

Products Ratio

2018

Products ratio

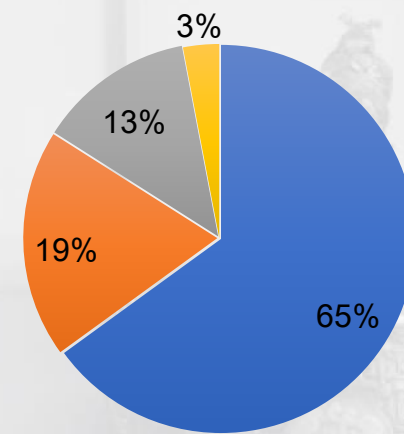
■ BGM & A1C ■ Electrode
■ Non-BGM ■ Others



1-3Q/2019

Products ratio

■ BGM & A1C ■ Electrode
■ Non-BGM ■ Others



Non-BGM

Hemoglobin/Ketone/UricAcid/Lactate/Cholesterol/
Pesticide quick check etc



Thank you

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