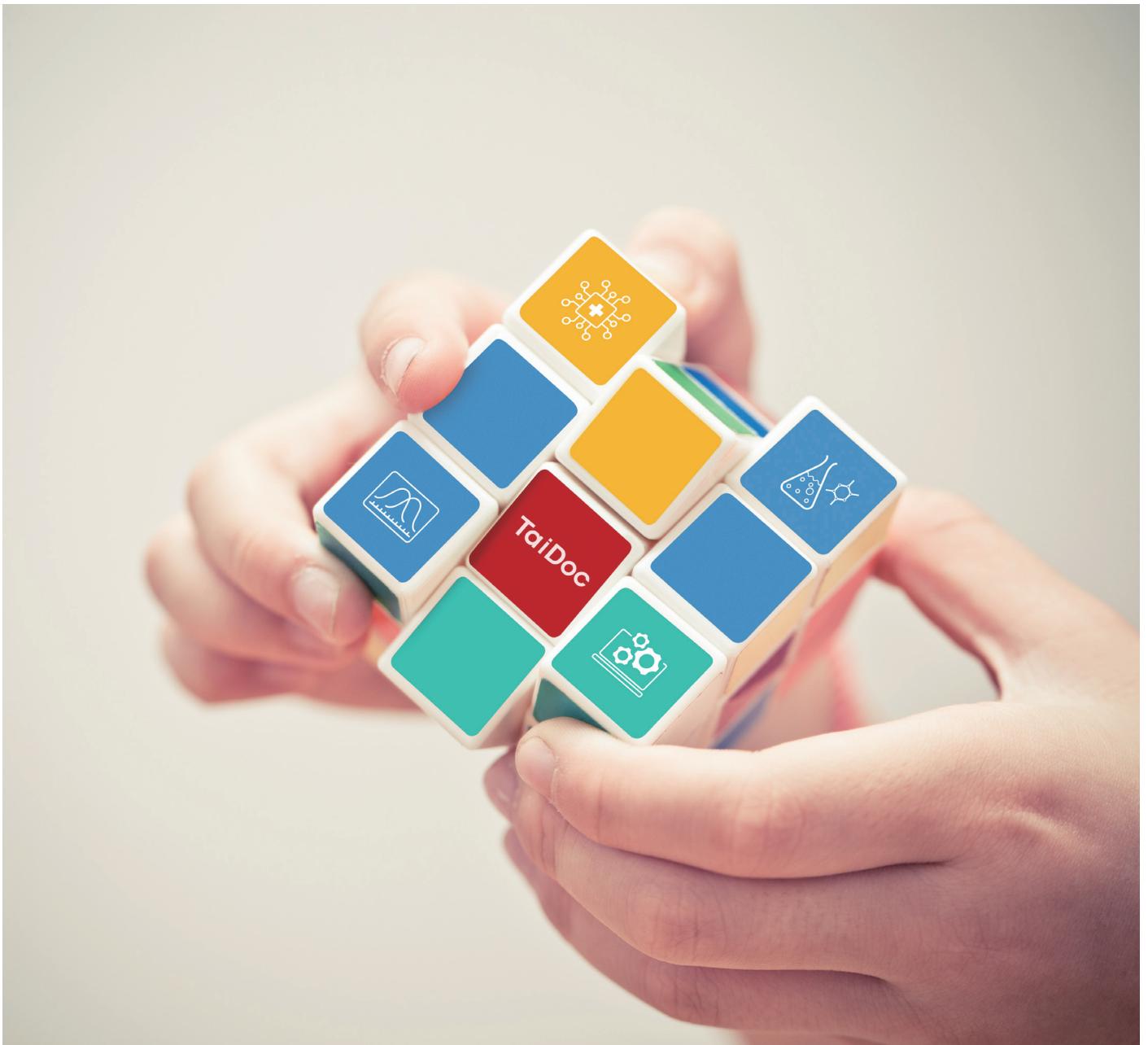


# Product Catalogue

In Vitro Diagnostic | Medical Device | Telehealth



## In Vitro Diagnostic

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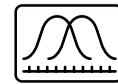
## Core Technology

TaiDoc focus on 4 core technologies - Medical Electronics, Biochemistry, Photometry and Software Programming. We utilize our core technologies to develop products in In Vitro Diagnostics, Medical Device and Telehealth.



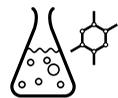
### Medical Electronics

Based on the advanced electronics and IT capability in Taiwan, TaiDoc develops minimized and user-friendly medical devices.



### Photometry

TaiDoc employs Photometric technology to develop devices for qualitative and quantitative measurement.



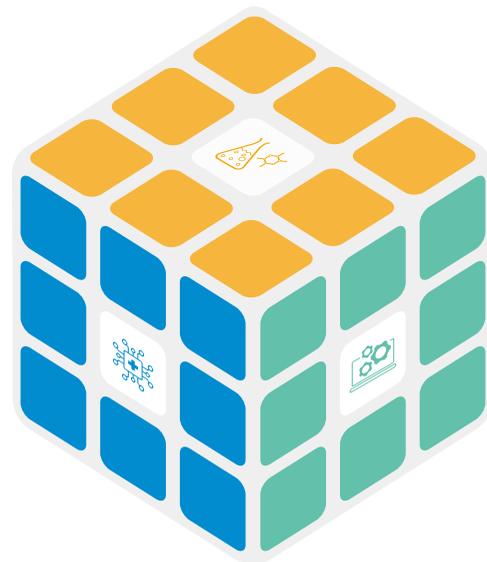
### Biochemistry

TaiDoc provides accurate quantitative results in terms of test strips and cartridges for bio-signal detection.



### Software Programming

TaiDoc develops the vertical software integration to link personal health data with smart phone application and telehealth system.



## In Vitro Diagnostic

Biosensor | Point of Care Testing  
 Pen and Needle | Vet Health Care

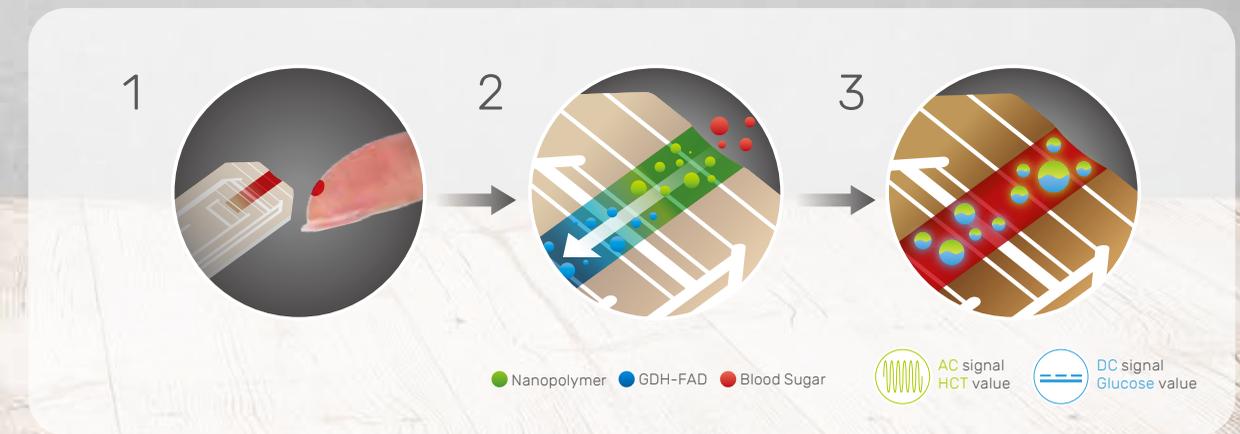
## Multiple Parameter Monitoring Systems

Provide 7 parameters for a comprehensive care

Strip	Glucose	Ketone	Cholesterol	Triglycerides	Uric Acid	Hemoglobin	Lactate
Sample Size (µL)	0.5	1.0	3.0	3.0	0.5	0.5	0.8
Reaction Time (Seconds)	5	10	60	60	15	10	5
Measurement Range (mg/dL)	10-800	--	100-400	70-600	3-20	6.8-24 (g/dL)	--
Measurement Range (mmol/L)	0.56-44.4	0.1-8.0	2.6-10.4	0.79-6.77	178-1189 (µmol/L)	4.22-14.89	0.3-22
Hematocrit Range (%)	0-70	10-70	20-60	20-55	20-60	20-70	10-65
Storage Condition (°C)	2-30	2-30	2-30	2-30	2-30	2-30	2-30

## XPER Technology

The gold-plated XPER test strip apply laser engraving techniques to enhance it's accuracy, stability and measurement range. And adding the patented 2+2 Bio Technology (2 enzymes plus 2 signals), it will compensate the hematocrit variation to its fullest measuring range.



Laser Cutting



Printing

- Enzyme: GDH-FAD
- Sample size: 0.5 µL
- Reaction time: 5 seconds
- HCT range: 0 % - 70 %
- Glucose range: 10 - 800 mg/dL

## Multi-Parameter Meter

## Multi-Parameter Meter



### TD-4216

- Automatic QC
- Before / After meal (AC/PC) presettable
- Individual target range
- 3-color indicator
  - Blue: Strip guiding light
  - Green: Within target range
  - Red : Out of target range
- Strip expiry date reminder
- Strip ejector
- 1000 memory



### TD-4141

- Automatic QC
- Before / After meal (AC/PC) presettable
- High / Low indicator
- Strip expiry date reminder
- Strip ejector
- Strip light
- 1000 memory



### TD-4289

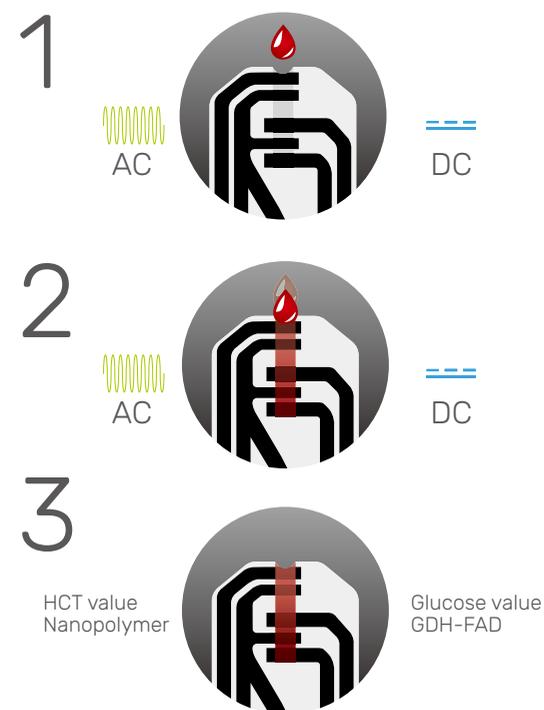
- Automatic QC
- Before / After meal (AC/PC) presettable
- High / Low indicator
- Strip expiry date reminder
- Strip ejector
- Strip light
- 1000 memory



# 2+2 Technology

TaiDoc patented the 2 + 2 (2 enzymes plus 2 signals) technology, which uses two different wells on the strips to detect HCT value by AC signal and glucose value by DC signal.

- Enzyme: GDH-FAD
- Sample size: 1.0 µL
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 700 mg/dL



TD-4140
TD-4143

- Automatic QC
- Before / After meal (AC/PC) presettable
- Use smartphone as display interface
- ProCheck app for personal health management
- Strip expiry date reminder



TD-4206

- Automatic QC
- Before / After meal (AC/PC) presettable
- Strip expiry date reminder
- Strip ejector
- Strip light
- 1000 memory



TD-4279

- Automatic QC
- Before / After meal (AC/PC) presettable
- Strip expiry date reminder
- Strip ejector
- 1000 memory



# Blood Glucose Monitoring Systems

TaiDoc has developed 5 generations of test strip with different level and fulfils the accuracy requirements of ISO 15197 : 2013 & EN ISO 15197 : 2015.

	I	II	III	IV	V	
Technology	Biochemistry	Biochemistry	2+2 Bio Tech.	EF Tech.	XPER Tech.	
Enzyme	GOD	GDH-FAD	GDH-FAD	GDH-FAD	GDH-FAD	
Sample Size (µL)	0.5	0.5	1.0	0.5	0.5	
Reaction Time (Seconds)	5	5	5	6	5	
Measurement Range	(mg/dL)	20-600	20-600	10-700	20-650	10-800
	(mmol/L)	1.1-33.3	1.1-33.3	0.56-38.9	1.1-36.1	0.56-44.4
Hematocrit Range (%)	30-55	35-60	0-70	20-65	0-70	
QC Identification	No	No	Yes	No	Yes	
Oxygen Interference	Yes	No	No	No	No	

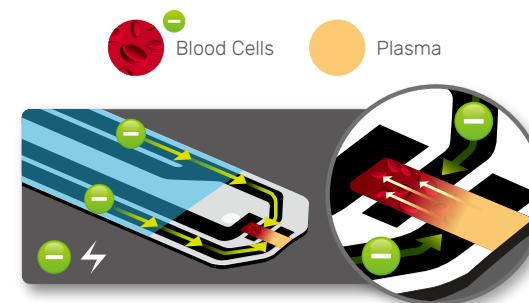
## EF Technology

EF ( Electricity Fractionation ) technology utilize the negative charge characteristic on cell surface to separate blood cells from plasma for further estimation of hematocrit value.

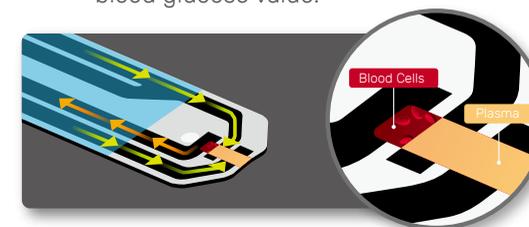
1 Positive and negative charge will be created after applying blood sample.



2 Blood cells will be attracted to positive electrode.



3 The meter could simulate a hematocrit free condition from plasma phase and further estimate the HCT value to compensate the blood glucose value.



### TD-4212

- Sample size: 0.5µL
- Reaction time: 5 seconds
- Glucose range: 20 - 650 mg/dL
- Strip automatic identification
- Strip ejector
- 1000 memory



## GDH-FAD, Glucose Meter

## GDH-FAD, Glucose Meter



### TD-4257

- Sample size: 0.5 µL
- Reaction time: 5 seconds
- Glucose range: 20 – 650 mg/dL
- Before / After meal (AC/PC) presettable
- Individual target range
- 5-color indicator
  - Level 1: <54 mg/dL
  - Level 2: Out of target range
  - Level 3: Within target range
  - Level 4: Out of target range
  - Level 5: >250 mg/dL
- Strip ejector
- Strip light
- 400 memory

### TD-4277

**ADVANCE**

- Sample size: 0.5 µL
- Reaction time: 5 seconds
- HCT range: 20 % – 65 %
- Glucose range: 20 – 600 mg/dL
- Before / After meal(AC/PC) / exercise  presettable
- Individual target range
- Dual color indicator
  - Green: Within target range
  - Red : Out of target range
- Strip ejector
- Strip light
- 1000 memory

### TD-4285

- Sample size: 0.5 µL
- Reaction time: 6 seconds
- HCT range: 20 % – 65 %
- Glucose range: 20 – 650 mg/dL
- Before / After meal (AC/PC) presettable
- Strip ejector
- CR2032 battery
- 450 memory

### TD-4280

- Sample size: 0.5 µL
- Reaction time: 5 seconds
- HCT range: 20 % – 65 %
- Glucose range: 20 – 600 mg/dL
- Before / After meal (AC/PC) presettable
- Strip ejector
- Voice guidance
- 450 memory

### TD-4183

- Sample size: 0.5 µL
- Reaction time: 6 seconds
- HCT range: 20 % – 65 %
- Glucose range: 20 – 650 mg/dL
- Before / After meal (AC/PC) presettable
- Individual target range
- Strip ejector
- Strip light
- 400 memory

## GDH-FAD, Glucose Meter

## GOD, Glucose Meter



### TD-4277

- Sample size: 0.5  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 35 % - 60 %
- Glucose range: 20 - 600 mg/dL
- Before / After meal (AC/PC) presetable
- Strip ejector
- Strip light
- 1000 memory

### TD-4266

- Sample size: 0.5  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 35% - 60%
- Glucose range: 20 - 600 mg/dL
- CR2032 battery
- 450 memory

### TD-4235

- Sample size: 0.7  $\mu$ L
- Reaction time: 7 seconds
- HCT range: 30 % - 55 %
- Glucose range: 20 - 600 mg/dL
- Before / After meal (AC/PC)
- 150 memory

### TD-4125

- Sample size: 0.7  $\mu$ L
- Reaction time: 7 seconds
- HCT range: 30 % - 55 %
- Glucose range: 20 - 600 mg/dL
- Before / After meal (AC/PC)
- Strip ejector
- Strip light
- 450 memory

## Point of Care Testing

Glucose Meter



Ketone Meter



## Point of Care Testing

Hemoglobin A1c(HbA1c) Analyzer



### TD-4258C

- Enzyme: GDH-FAD
- Sample size: 1.0  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 600 mg/dL
- Barcode scanner
- Memory capacity:
  - 1000 measurement results
  - 2000 operator ID
  - 500 QC

#### Docking Station:

- Wireless charging in compliance with WPC1.1 (TD-9019A/B)
- Comply with IEEE 802.11b/g standards (TD-9019A)
- External output: WAN/LAN port (TD-9019A)

### TD-4258E

- Enzyme: HBD
- Sample size: 1.0  $\mu$ L
- Reaction time: 10 seconds
- HCT range: 10 % – 70 %
- Ketone range: 0.1 – 8.0 mmol/L
- Barcode scanner
- Memory capacity:
  - 1000 measurement results
  - 2000 operator ID
  - 500 QC

### TD-4611

#### All-In-One Analyzer

- Embedded Thermal Printer

#### Simple Operation

- Graphical User Interface
- Fully Automatic Operation, Reducing Human Error
- 3-Step Operation

#### 3-Step Operation



1. Collect blood sample



2. Insert the capillary holder into the cartridge



3. Insert the cartridge, pull the tab and close the lid

- Sample type: Whole blood – Fingertips capillary or EDTA venous blood
- Sample size:  $\leq$  0.2  $\mu$ L
- Reaction time:  $\leq$  6 mins
- Measuring range: 4 % – 16 %
- Precision: CV < 5 %
- Display unit: Percentage (%) or mmol/mol
- Memory capacity: 10,000 results

## Lancing Device



## Lancet



### TD-5010

- Twist-release design
- 6 level depth selection
- Lancet ejection

### TD-5011

- Loading indicator
- 9 Level depth selection
- Lancet ejection

### TD-5052

- Easy to use
- Five different size
- Single use only
- Lancet automatic retraction

### TD-5083

- Easy to use
- Single use only
- Lancet automatic retraction

### TD-5053

- Easy to use
- Five depth settings (1.2 - 2.4 mm)
- Single use only
- Lancet automatic retraction



### TD-5084

- Lancet gauge: 30G

## Safety Pen Needle

### TD-5092

- Compatible with insulin pens in market
- Obvious observation of use status
- Easy self-disable set
- Easy to see the droplets

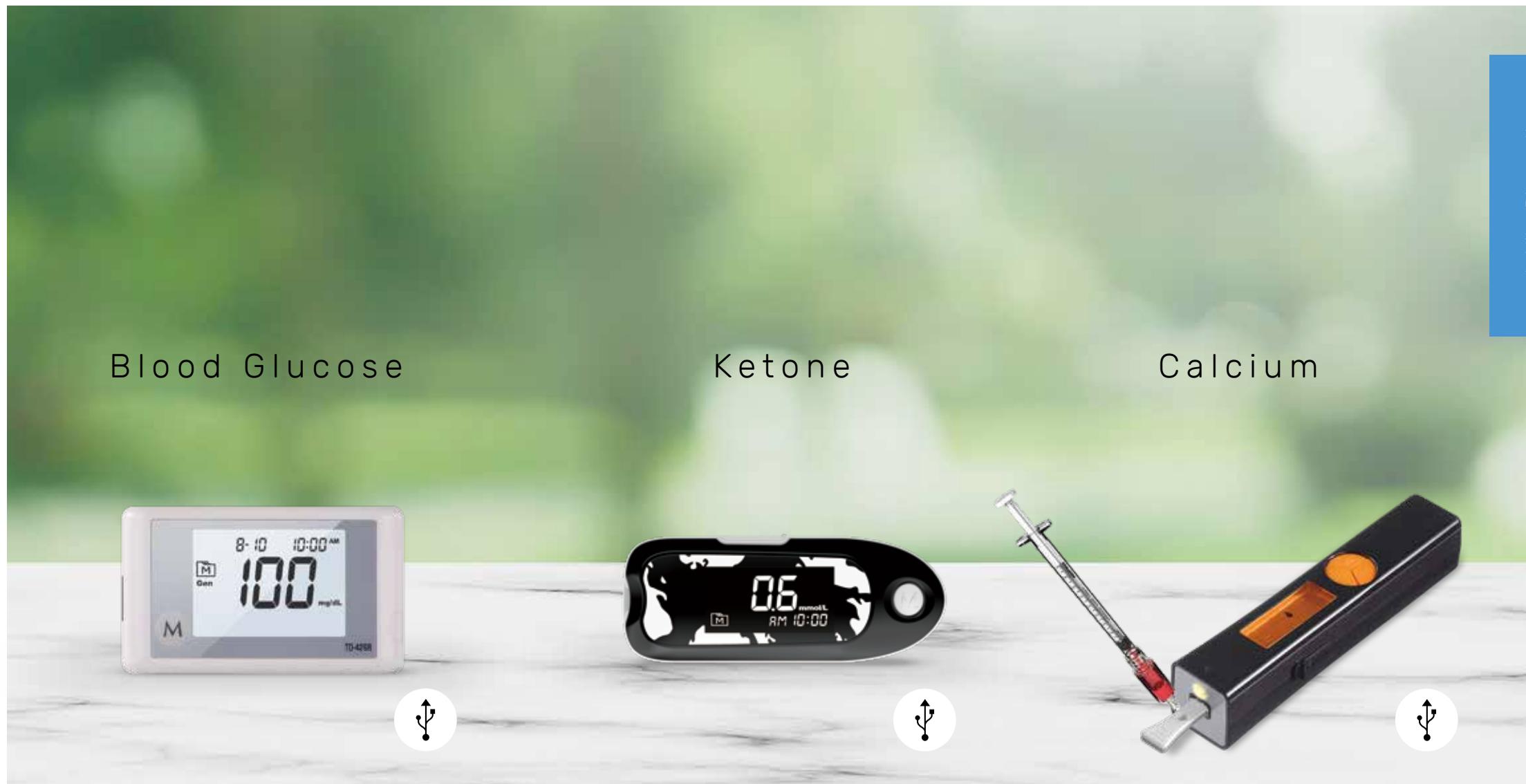


# VET HEALTH CARE

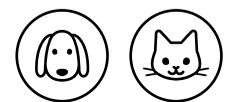
## Blood Glucose

## Ketone

## Calcium



TD-4268



- Enzyme: GDH-FAD
- Sample size: 1.0  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 600 mg/dL
- Individual code card for different animal
- 1000 memory

TD-4235E



- Enzyme: HBD
- Sample size: 0.7  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 35 % – 50 %
- Ketone range: 0.1 – 8.0 mmol/L
- 150 memory

TD-5220

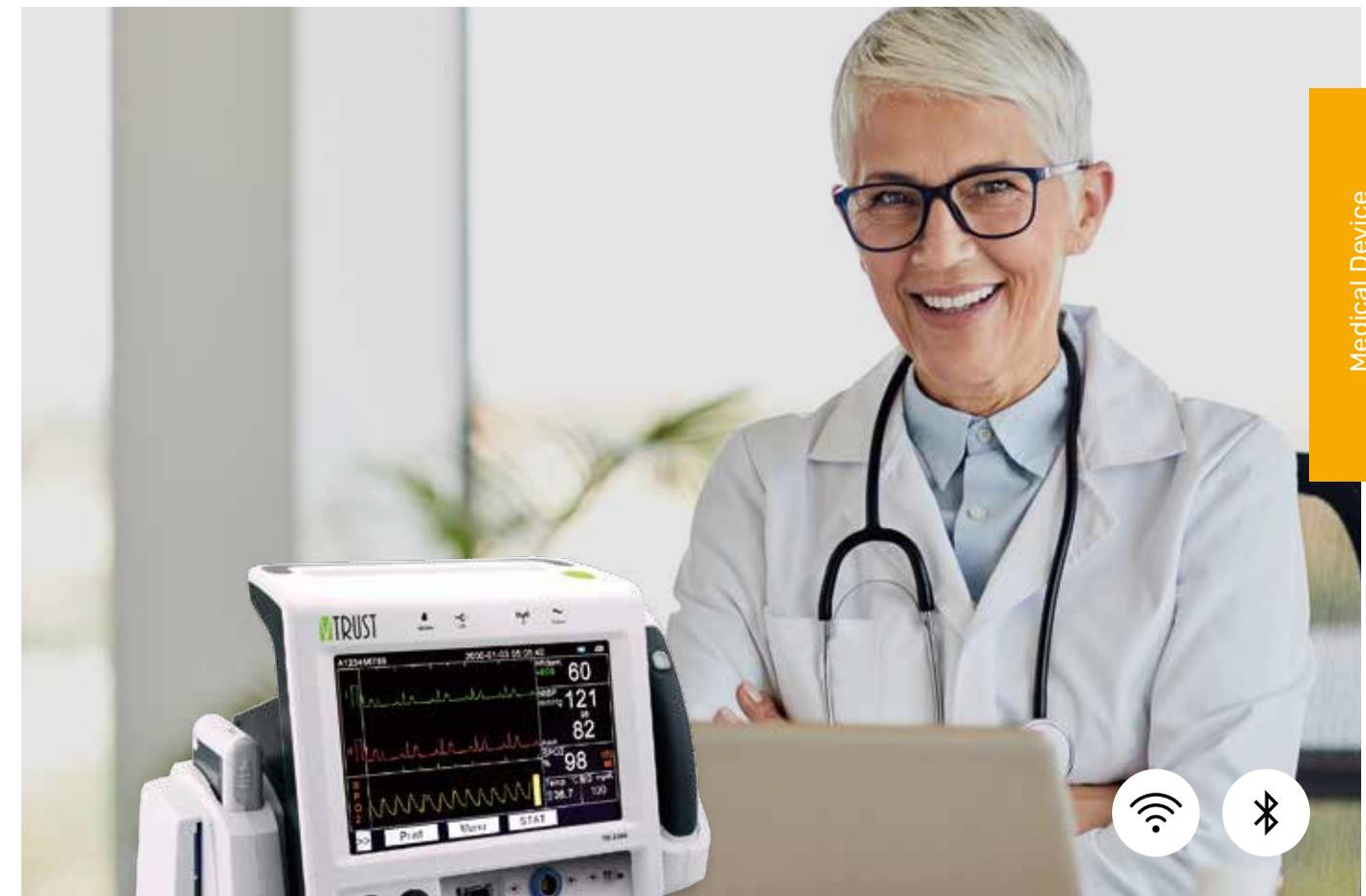


- Method: Colorimetric
- Sample size: 45  $\mu$ L
- Reaction time: 180 seconds
- Calcium range: 0.5 – 3.0 mmol/L
- Strip ejector
- Flashlight
- 300 memory



## Medical Device

Vital Signs Monitor | Pulse Oximeter  
 Blood Pressure Monitor | Thermometer | Nebulizer



Medical Device

### TD-2300

- 5 Parameters-ECG, NIBP, SpO<sub>2</sub>, Ear Temperature and Blood Glucose measurement
- Nellcor SatSeconds (TM) alarm management technology (WiFi)
- Suitable for adult and pediatric patients
- 7" TFT color LCD touch screen
- Defibrillation proof

#### Ordering Information

Model No.	SPECIFICATION PARAMETER	Bluetooth	WiFi
2300A	Blood Pressure, SpO <sub>2</sub> Monitor, Ear Temperature Blood Glucose	A1	A2
2300B	Blood Pressure, SpO <sub>2</sub> Monitor, Ear Temperature Blood Glucose, ECG Monitor	B1	B2
2300C	Blood Pressure, SpO <sub>2</sub> Monitor, Ear Temperature	C1	C2
2300D	Blood Pressure, SpO <sub>2</sub> Monitor	D1	D2

Pulse Oximeter

Blood Pressure Monitor



TD-8201

- Oxygen saturation and pulse rate
- PI (Perfusion Index) indicator
- Shock resistance / alarm warning



Reusable finger clip sensor (Adult)

TD-8255

- Finger Type
- Oxygen saturation and pulse rate
- PI (Perfusion Index) indicator
- Auto power off
- Screen rotation

TD-3124

- Irregular heart beat (IHB) detection
- 100 memory
- Power adapter

TD-3127

- Irregular heart beat (IHB) detection
- 100 memory
- Multi-User: 4
- Power adapter

TD-3128

- Automated averaging function (3 times measurement)
- Irregular heart beat (IHB) detection
- 400 memory
- Multi-User: 4

Temperature Chamber



Ear Thermometer



Non-Contact Forehead Thermometer



TD-1090

- Accuracy verification for ear and forehead thermometers
- Adjustable target temperature in °C & °F
- Auto-recalibration to TD-1107 thermometer
- Data export capability
- Simple operation

TD-1107

- Infrared Technology
- Probe cover ejector
- Dual-color backlight ●●
- °C/°F convertible

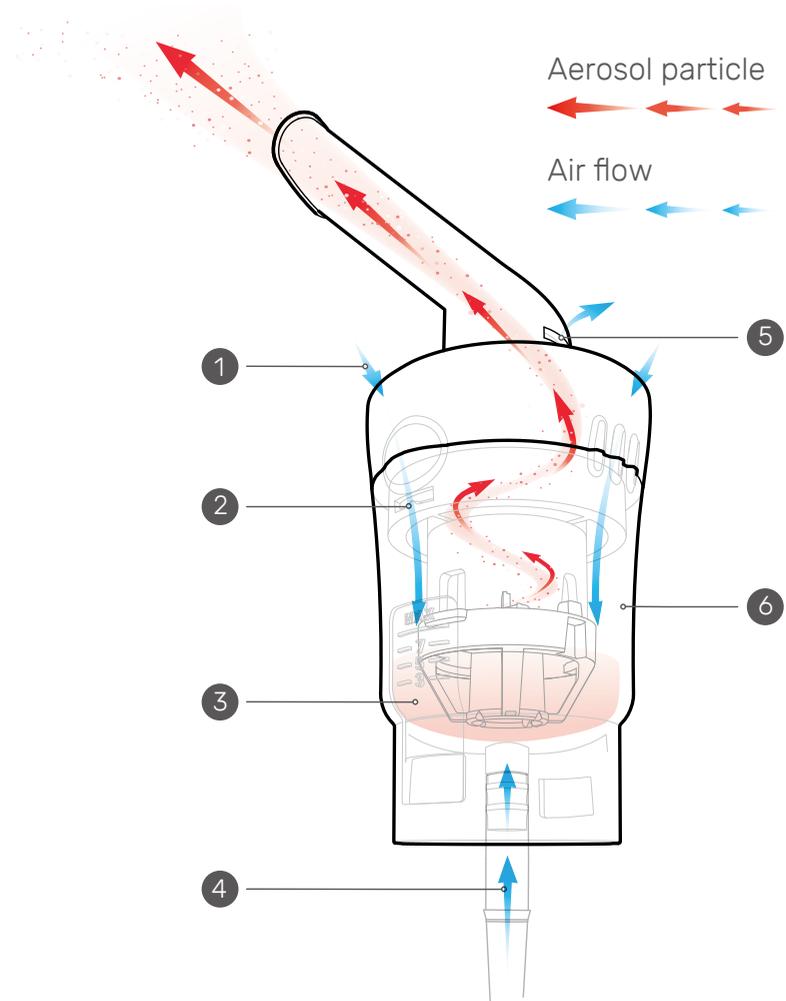
TD-1241

- Infrared Technology
- Illuminated display
- °C/°F convertible
- 30 memory
- Forehead, Surface and room measuring modes

TD-1242

- Infrared Technology
- °C/°F convertible
- 30 memory
- Dual-color backlight ●●
- Forehead and Surface measuring modes

### Medication Cup 10 (MdC 10)



- 1 Large air inlet enhances air flow and keep breathing smoothly
- 2 Snap lock design stabilizes the nebulization process
- 3 Medicines
- 4 Compressor Air
- 5 Exhalation outlet stabilize the system and reduce medicine wastes
- 6 The patented mechanism optimize nebulization rate and consistent particle sizes that provide the best treatment

### JET Nebulizer

### Compressor Nebulizer

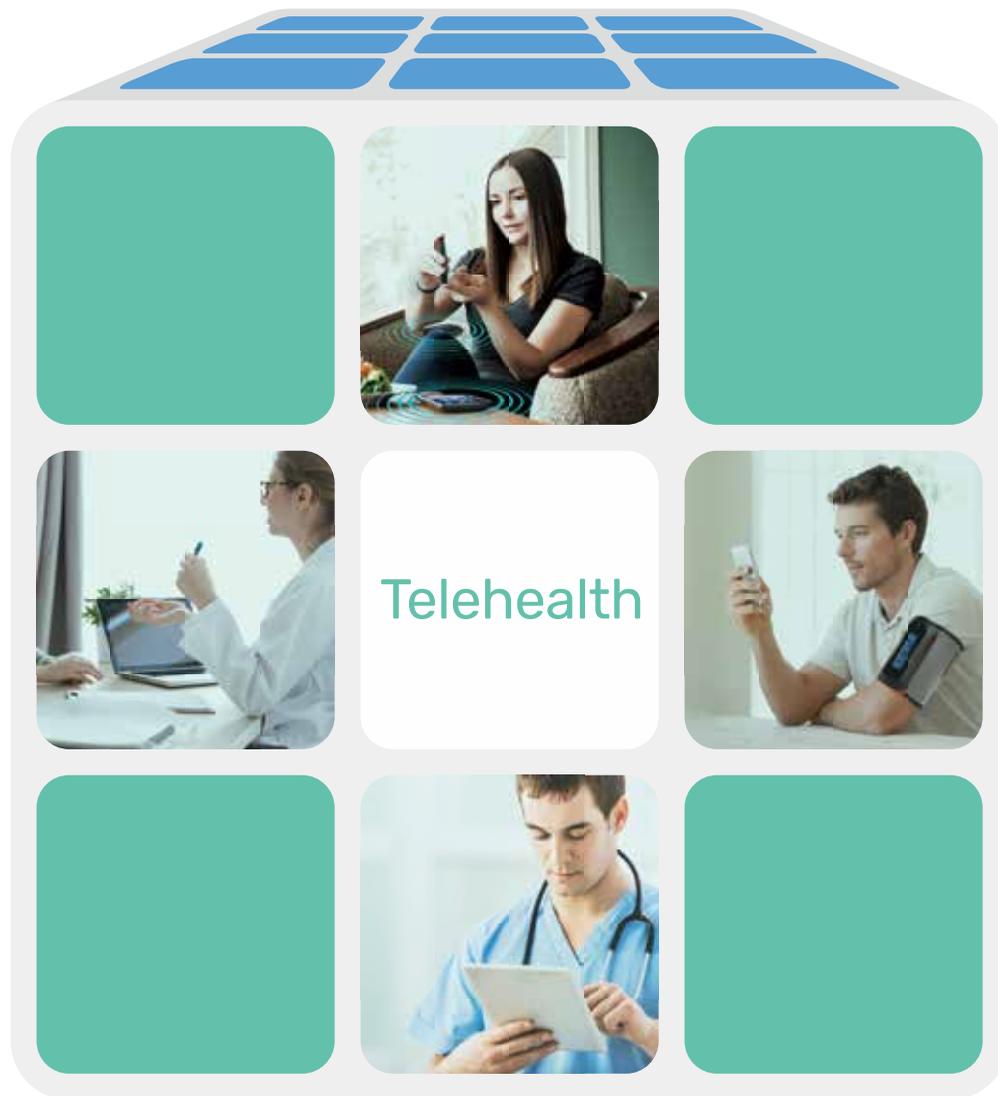


#### TD-7014

- DC Micropump Technology
- Particle size: MMAD approx. 2.5  $\mu\text{m}$
- Nebulization rate:  $\geq 0.25$  mL/min
- AA x 4 or DC 6V 1A adaptor
- Medication capacity: 10 mL

#### TD-7013

- DC Micropump Technology
- Particle size: MMAD approx. 3  $\mu\text{m}$
- Nebulization rate:  $\geq 0.35$  mL/min
- DC 12V 1A adaptor
- Medication capacity: 6 mL



## Telehealth

Remote Monitoring Devices | APP & Software



### TD-2300

Model No.	Parameters	Bluetooth	WiFi
TD-2300A	NIBP, SpO2, Ear temperature, Blood glucose	A1	A2
TD-2300B	NIBP, SpO2, Ear temperature, Blood glucose, ECG	B1	B2
TD-2300C	NIBP, SpO2, Ear temperature	C1	C2
TD-2300D	NIBP, SpO2	D1	D2

Blood Glucose Meter



Blood Glucose Plus Blood Pressure Monitor



Blood Pressure Monitor



Weight Scale



TD-4141

- Narrow Band-Internet of Things (NB-IoT)
- Li-Ion rechargeable battery
- 400 memory
- Use NB-IoT SIM card to connect mobile network

TD-3261

- Dual function (BP+BG)
- Smart auto cycling function (BP)
- 864 memory
- Use SIM card to connect mobile network

TD-3140

- Irregular heart beat (IHB) detection
- 200 memory
- MbH BP app for cardiovascular evaluation

TD-2555

- Measurement: Weight / BMI
- Multi-User: 5 / 135 Memory
- Maximum Capacity: 250 kg





## Healthy Check

- Data analysis: 7, 14, 30 day average, reading distribution, trend graphs and charts for blood glucose and blood pressure.
- Medication reminder
- Data could be exported as JPG or CSV via email
- Support data back up to cloud server



## ProCheck

- Language: English, Dutch, Italian, Spanish, Swedish, Arabic, German and Finnish.
- Data analysis :7, 14, 30, 60, 90 day average, reading distribution, trend graphs and charts
- Data could be exported as JPG or CSV via email
- Support data back up to cloud server



### Sync your remote devices with our APP

Body Weight	TD-2555				
Blood Oxygen	TD-8255	TD-8201			
Temperature	TD-1107	TD-1241	TD-1242		
Blood Pressure	TD-3128				
Blood Glucose	TD-4183	TD-4206	TD-4212	TD-4216	TD-4255
	TD-4266	TD-4277	TD-4279	TD-4289	

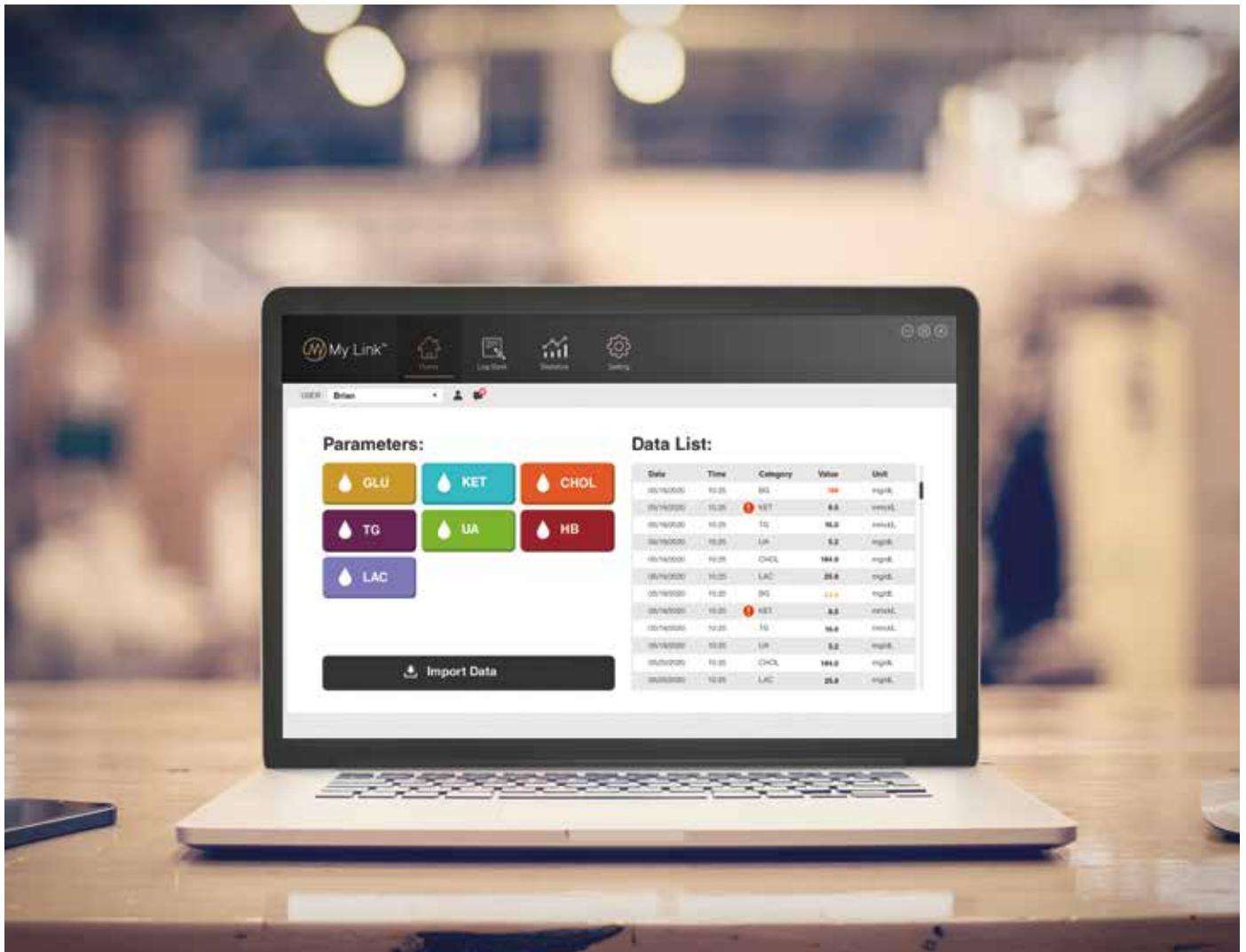
### Sync your remote devices with our APP

BG	TD-4183	TD-4255	TD-4266	TD-4277
BG/KT	TD-4212			
BG/KT/CHOL	TD-4140	TD-4143	TD-4206	TD-4279
BG/KT/CHOL UA/LAC	TD-4289			
BG/KT/CHOL TG/UA/Hb/LAC	TD-4216			



## MyLink Health Care Management System

- Language: English, Spanish, Swedish, German, French, Slovenian, Romania, Dutch and Finnish
- Daily record: food (carbs), injection, medication and exercise
- Data analysis: reading distribution, trend chart, standard day chart and statistics table
- Data could be exported as PDF, CSV or print.
- Support data back up to cloud server





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