

August. 2025

# Product Catalogue

In Vitro Diagnostic | Medical Device | Telehealth



TaiDoc



[www.taidoc.com](http://www.taidoc.com)

In Vitro Diagnostic

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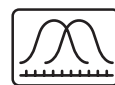
## Core Technology

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.



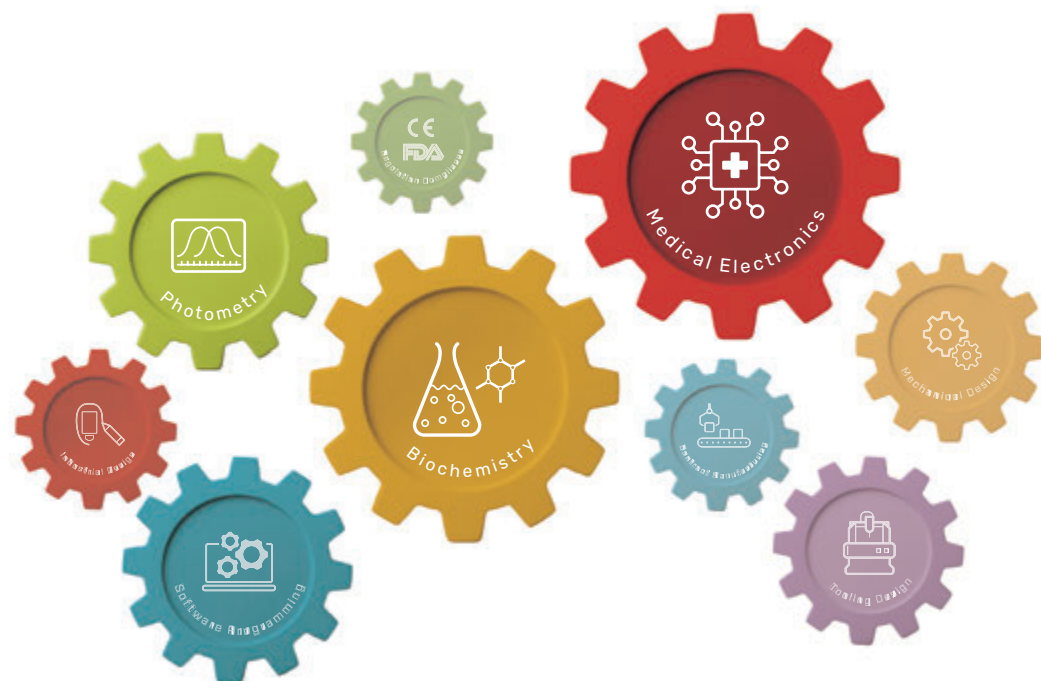
### Biochemistry

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

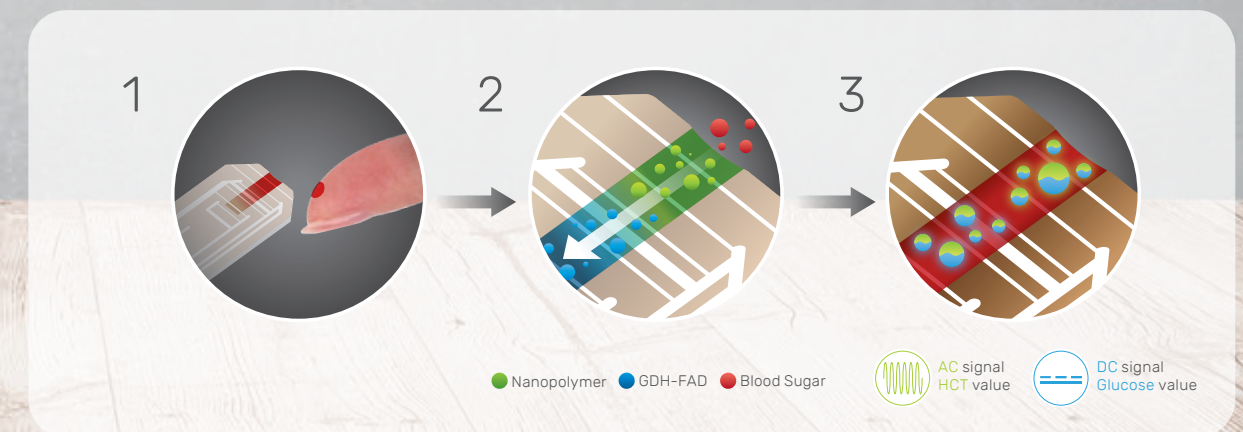
## Multiple Parameter Monitoring Systems

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) | --      |
|                         | (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

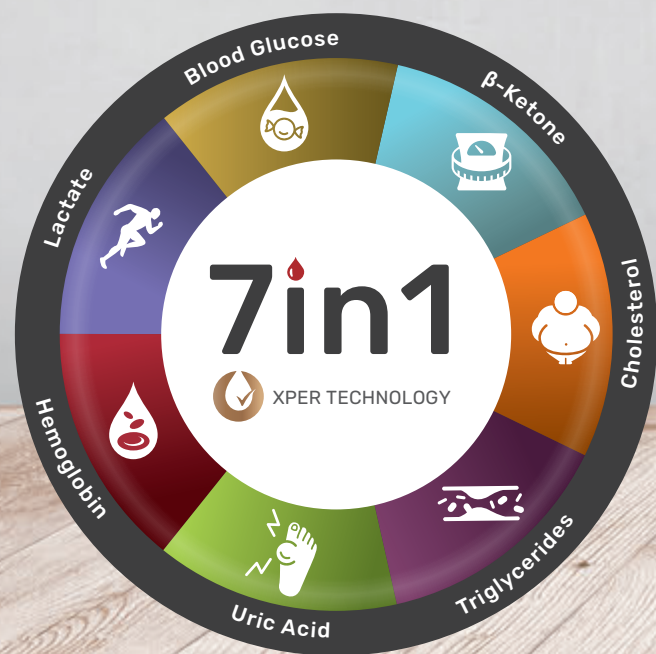


Printing

- 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-4289

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



## TD-4153

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



## TD-4261

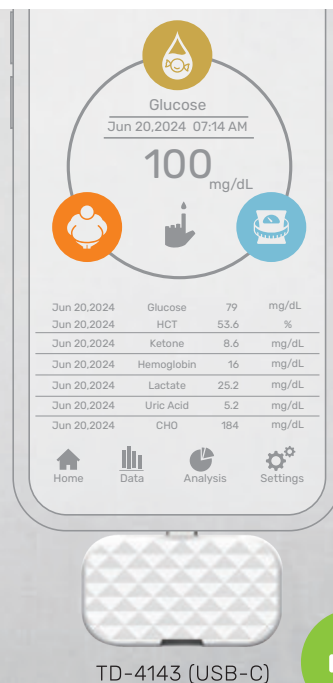
- Automatic QC
- Strip expiry date reminder
- Strip ejector
- 1000 memory



## 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  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 700 mg/dL



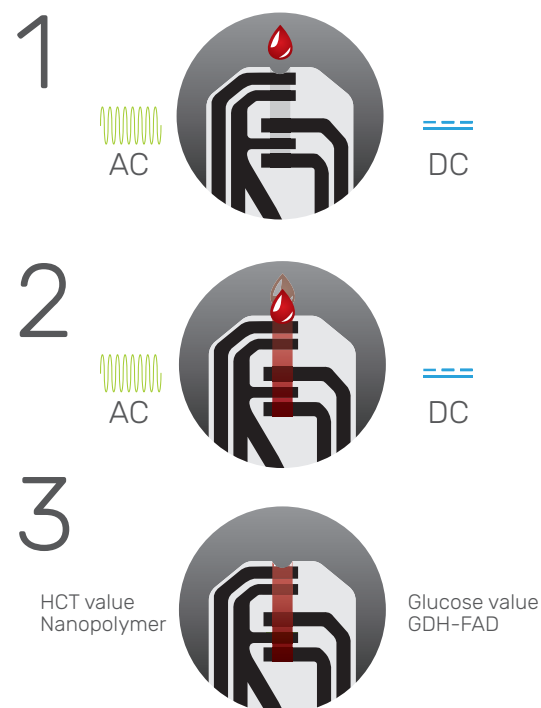
## Multi-Parameter Meter



TD-4140 (Lightning)



TD-4140 (USB-C)



### 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<br>(μL)        | 0.5          | 0.5          | 1.0           | 0.5       | 0.5        |           |
| Reaction Time<br>(Seconds) | 5            | 5            | 5             | 5         | 5          |           |
| Measurement<br>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<br>Range (%)    | 30-55        | 35-60        | 0-70          | 20-65     | 0-70       |           |
| QC<br>Identification       | No           | No           | Yes           | No        | Yes        |           |
| Oxygen<br>Interference     | Yes          | No           | No            | No        | No         |           |

## GOD, Glucose Meter



### TD-4235

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

### TD-4116

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

### TD-4125

- Sample size: 0.7 μL
- Reaction time: 7 seconds
- HCT range: 30 % – 55 %
- Glucose range: 20 – 600 mg/dL
- Before / After meal (AC/PC)
- 450 memory

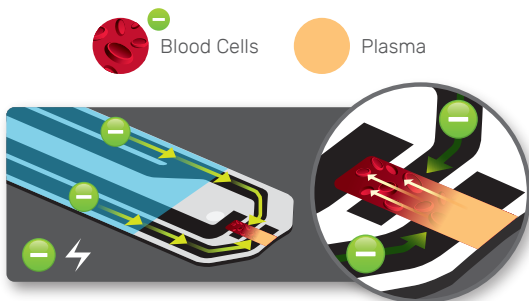
# EF Technology

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

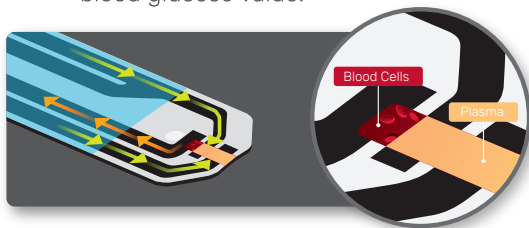
- 1 Positive and negative charge will be created after applying blood sample.



- 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.



## GDH-FAD, Glucose Meter



### TD-4277

- Sample size: 0.5  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 20 % - 65 %
- Glucose range: 20 - 600 mg/dL
- Before / After meal (AC/PC) presettable
- Individual target range
- Color indicator
- Red : Out of target range
- 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
- Strip light
- 450 memory



### TD-4183

- Sample size: 0.5  $\mu$ L
- Reaction time: 5 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



## Point of Care Testing

### Barcode Glucose Meter



#### TD-4259

- Enzyme: GDH-FAD
- Sample size: 0.5  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 800 mg/dL
- 2D Barcode Scanner
- Memory:
  - Measurement: 1000
  - QC: 1000 (3 levels/record)
- Communication: Wi-Fi
- Display: 5" Full-Color
- Security: HTTPS

## Point of Care Testing

### Hemoglobin A1c(HbA1c) Analyzer



#### 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

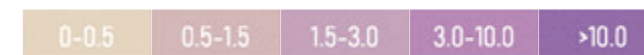
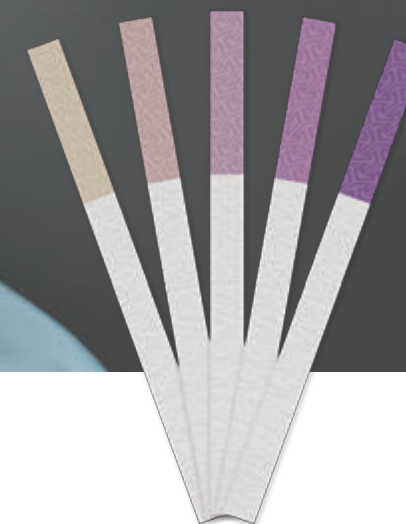


### TD-5084

- Lancet gauge: 30G



# VET HEALTH CARE



Creatinine (mg/dL)



## Glucose Meter

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



## Glucose Plus Ketone Meter

TD-4257

- Enzyme: GDH-FAD
- Sample size: 0.5  $\mu$ L
- Reaction time: 5 seconds
- HCT range: 0 % – 70 %
- Glucose range: 10 – 800 mg/dL
- Automatic Strip Identification – Glucose or Ketone
- A specific calibration for dogs and cats, and no need for Coding



## Salivary Creatinine Test Strip

TD-4603

- Quick Reference of Creatinine in Saliva for Dogs and Cats
- Reliable Result in 3 minutes
- No calibration required



# VET HEALTH CARE



## Veterinary Electronic Stethoscope

- Wireless Connection
- Improved sound quality
- Remotely Record and Share
- Cardiac and Pulmonary Sounds Filter
- Rechargeable battery



## Ketone Meter 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



Medical Device

Vital Signs Monitor | Pulse Oximeter  
Blood Pressure Monitor | Thermometer



Vital Signs Monitor  
TD-2300

- 5 Parameters-ECG, NIBP, SpO<sub>2</sub>, Ear Temperature and Blood Glucose measurement
- Nellcor SatSeconds™ 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<br>Blood Glucose              | A1                                                                                              | A2                                                                                         |
| 2300B     | Blood Pressure, SpO <sub>2</sub> Monitor, Ear Temperature<br>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-3400

- Irregular heart beat (IHB) detection
- 198 memory
- Cuff Warning Detection
- Keep Still Indicator
- Multi-User: 2
- Quad-color backlight ○ ● ● ●

### 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
- Readjustment for TD-1107
- 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





## Telehealth

Remote Monitoring Devices | APP & Software



## Vital Signs Monitor

### TD-2300

| Model No. | Parameters                                                   | Bluetooth | WiFi |
|-----------|--------------------------------------------------------------|-----------|------|
| TD-2300A  | NIBP, SpO <sub>2</sub> , Ear temperature, Blood glucose      | A1        | A2   |
| TD-2300B  | NIBP, SpO <sub>2</sub> , Ear temperature, Blood glucose, ECG | B1        | B2   |
| TD-2300C  | NIBP, SpO <sub>2</sub> , Ear temperature                     | C1        | C2   |
| TD-2300D  | NIBP, SpO <sub>2</sub>                                       | D1        | D2   |

## Electronic Stethoscope

- Wireless Connection
- Improved sound quality
- Remotely Record and Share
- Cardiac and Pulmonary Sounds Filter
- Rechargeable battery

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

- Parameter: Glucose, Blood Pressure, Thermometer, Pulse Oximeter and Weight Scale
- Language: English, French, German, Italian, Spanish, and Turkish
- Data could be exported as JPG or CSV via email
- Support data back up to cloud server



## ProCheck

- Parameter: Glucose,  $\beta$ -Ketone, Total Cholesterol, Triglycerides, Uric Acid, Hemoglobin and Lactate
- Language: Arabic, Dutch, English, Finnish, French, German, Italian, Spanish and Swedish
- Data could be exported as JPG or CSV via email
- Support data back up to cloud server



## MyLink+ Health Care Management System

- Parameter: Glucose,  $\beta$ -Ketone, Total Cholesterol, Triglycerides, Uric Acid, Hemoglobin, Lactate, Blood Pressure, Thermometer, Pulse Oximeter and Weight Scale
- Language: Dutch, English, Finnish, French, German, Italian, Romanian, Slovenian, Spanish, Swedish and Turkish
- Data could be exported as PDF, CSV or print
- Support data back up to cloud server





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