

Science and Technology Cherish Life

LEPU MEDICAL TECHNOLOGY CO., LTD

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Healthcare & Telehealth Solutions

- Reliability | Portability
- Telemedicine | Integration



LEPU

Company Portfolio

Lepu Medical Technology (Beijing) CO., Ltd was established in 1999. It is specialized in R&D, manufacturing and marketing of high-tech medical equipment. Our international headquarter in shenzhen, Guangdong province, China.

Today, Lepu Medical has grown into a global leading medical technology company in the fields of cardiovascular interventions, structural heart diseases, cardiac rhythm management, anesthesia and critical care, AI Solution, Telehealth Solution, In vitro diagnostics, general surgery with products include coronary stents, dilatation balloon catheters, interventional accessories, occlusion devices, mechanical heart valves, electrophysiology catheters, pacemakers, in vitro diagnostic equipment and biomarkers, DSA systems and surgical staplers. Our vision is to develop Lepu Medical into one of the largest suppliers on the platforms of medical device, medicine, healthcare products, healthcare service and new medical mode.



Shenzhen Lepu International headquarters building

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Fingertip Pulse Oximeter

The fingertip pulse oximeter is intended for measuring the Pulse Oxygen Saturation, Pulse Rate, and Perfusion Index through user's finger. Lepu Medical focuses on R&D and manufacturing for more than 23 years. The self-developed MoveOxy technology provides professional measurement results against motional affect, low PI, and weak pulse signal conditions.

PC-60A

- LCD Display with 2 -way rotation
- Measure SpO2, Pulse Rate and PI, display Pulse bar
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Over-limit indication
- Automatic Power on/off



POD-2

- LCD Display with 2 -way rotation
- Measure SpO2 and Pulse Rate, display Pulse bar
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Low battery indication
- Automatic Power on/off



LOX100

- Color Display and 4-way rotation
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm with low battery indication
- Automatic Power on/off



Fingertip Pulse Oximeter

PC-60FW / PC-60F

- OLED Display with 4-way rotation
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Spot-check and continuous monitoring mode
- Pulse rate analysis on spot check mode
- Voice broadcast for measurement results
- Store up to 12 sets of unit results
- Wireless Module with APP for real-time display
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm with low battery indication
- Automatic Power on/off



Only 60FW has wireless logo

PC-60B1

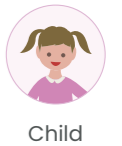
- Color Display with 4-way rotation
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm
- Automatic Power on/off
- Available in different color appearance (bulk order)
- Silicon rubber cover, carrying case (Optional)



Fingertip Pulse Oximeter

PC-60D2

- Unique design and applicable to Pediatric
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- OLED Display with 4-way rotation
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm
- Automatic Power on/off
- Reliable and accurate performance against low perfusion



PC-60E

- Applicable to adult, pediatric and neonate with external probe
- Color display with automatic rotation in 4 directions
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm with low battery indication
- Automatic Power on/off



Neonatal probe



Child Probe

Fingertip Pulse Oximeter

PC-60N

- Applicable to adult, pediatric and neonate with external probe
- Color display, 4-way rotation
- Measure SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm with low battery indication
- Automatic Power on/off



Neonatal probe

Child Probe

PC-60NW

- Applicable to adult, pediatric and neonate with external probe
- Color Display with Automatic rotation in 4 directions
- Measuring SpO2, Pulse Rate and PI, display Pulse bar and Plethysmogram.
- Wireless Module with APP for real-time display
- Artifact removal and anti-motion
- Splash-proof and Drop-resistant
- Audible and visual alarm with low battery indication
- Automatic Power on/off



Wireless



Neonatal probe

Child Probe

Fingertip Pulse Oximeter

PF-10

- Touch button, Color OLED with 4 way rotation, display SpO2, Pulse Rate, and plethysmogram
- Audible and visual alarm
- Support Spot check mode and Continuous mode, both mode can detect irregular pulse
- Support 12 sets of records on device and unlimited data management on Application.
- Rechargeable lithium battery, fully charged to support 24 hours of battery life.
- Wireless connect with Vihealth and transfer the data at real-time.



Wireless



PF-20

- Unique design for children
- Color OLED with 4 way rotation, display SpO2, Pulse Rate, and plethysmogram
- Audible and visual alarm
- Support Spot check mode and Continuous mode, both mode can detect irregular pulse
- Support 12 sets of records on device and unlimited data management on Application.
- Wireless connect with Vihealth and transfer the data at real-time.



Child



Wireless



Wearable Oximeter

Wear O2

- Built-in smart vibrator
- Vibration triggered by low oxygen
- Never goes off the finger
- Comfortable and soft
- Vibration can be adjusted in App
- Continuous Monitoring when nighttime and sports
- Up to 12-16 hours battery life and chargeable by USB port



Child

Kids O2

- Unique design for children
- Built-in smart vibrator
- Vibration triggered by low oxygen
- Never goes off the finger
- Comfortable and soft
- Vibration can be adjusted in App
- Continuous Monitoring when nighttime and sports
- Up to 14 hours battery life and chargeable by USB port



Wearable Oximeter

Oxyfit

- Comfortable duckbill sensor with soft material design for continuous measurement of SpO2, PR & PI
- Automatically turn on when you wear it
- Store 4 sets of SpO2 and PR, each set per 1 hour on device.
- Support high and low heart rate and blood oxygen alarm
- Self define the alarm thresholds on App
- Real-time monitoring data on App
- Buzzer for alarm mode
- Built-in lithium battery, Up to 16 hours of battery life



Wireless



Wearable Oximeter

Unique, lightweight and wearable design, for monitoring SpO2, HR and PI in various scenarios. O2 Ring could be track and record oxygen level overnight. During your sleep, once a low oxygen level or an abnormal heart rate is detected, O2Ring will vibrate immediately and softly to remind you.

O2 Ring

- Comfortable wearing experience
- Track and record oxygen level and heart rate
- Smart vibration triggered by low SpO2
- Built-in rechargeable battery for overnight use
- Sync real-time data with App via Bluetooth
- Support remote monitoring by wireless module



Overnight tracking

Precise measurement

Vibration reminder

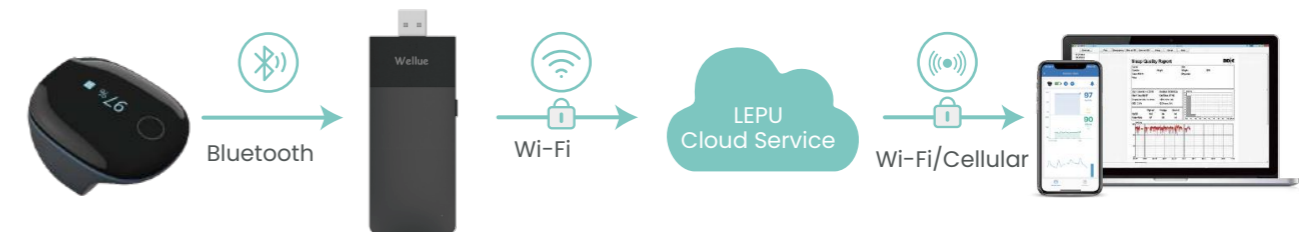
APP/PC software

Cloud storage

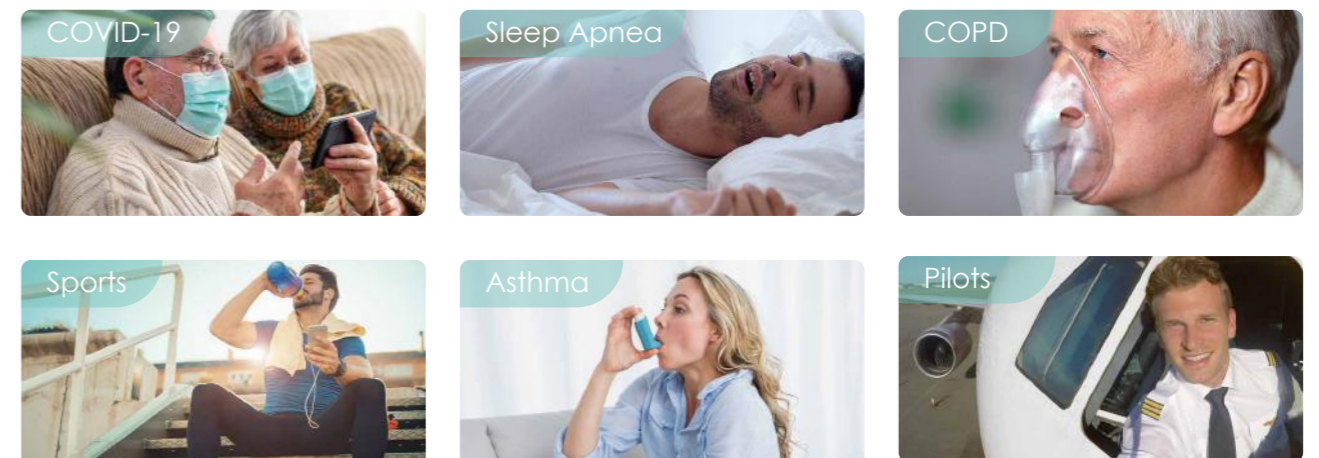
Wearable Oximeter

Wireless remote monitoring solution

- Accurate monitoring against low perfusion
- Reliable monitoring against motional situation
- Sensitive monitoring against weak pulse signal



Who needs O2ring™

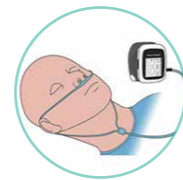


Wearable Oximeter

It's a smart wearable Sleep Screener, lightweight and easy to wear. Using a sleep screener may help clinicians find a potential problem to discuss with families including bedtime problems, night awakenings, inadequate sleep quality or duration, snoring or apnea, periodic limb movements, restless leg syndrome, parasomnias, nocturnal seizures, daytime sleepiness, and narcolepsy. Some practices found that adding a sleep screen to the electronic record for adult and pediatric significantly increased identification of sleep problems.



Silicone finger cover



Nasal flow

AP-20

- Wearable design with 1.44 inch display for sleep monitoring
- Simply measure SpO2, PR, Respiration rate, Air flow and Snoring
- Data export to PC by USB cable with analysis software and printout
- Body movement can be recorded and reviewed in the software
- Power saving mode with display off, brightness adjustable
- Visible/Audio and vibration alarm
- Data storage up to 72 hours
- Wireless connection to smartphone to manage data on APP or transfer data to PC software via USB
- Adapted the MoveOxy® Spo2 technology to accurate monitor SPO2 in low perfusion, motional situation and wake pulse signals.
- Professional analysis software allows users to manage, review and analyze the record in trend, graph and statistic.

Wearable Oximeter

AP-10

- OLED display of SpO2, PR, PI and Plethysmogram
- Data export to PC by USB cable with analysis software and printout
- Body movement can be recorded and reviewed in the software
- Power saving mode with display off, brightness adjustable
- Visible/Audio and vibration alarm
- Data storage up to 160 hours
- Wireless connection to smartphone to manage data on APP or transfer data to PC software via USB

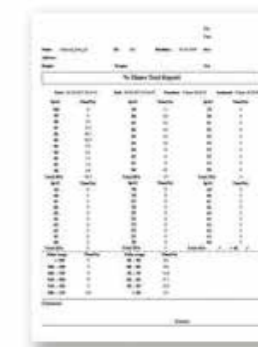


MoveOxy® Spo2 Technology

- Accurate monitoring against low perfusion
- Reliable monitoring against motional situation
- Sensitive monitoring against weak pulse signal

Professional Analysis Software

The data management software allows user to manage, review and analyze the records in trend, graph and statistic. The printout of the reports provide intuitive view of pre-screening sleep studies.



Handheld Oximeter

SP-20

- It is applicable for adults, pediatric and neonate measurement in hospital and home.
- Measuring SpO2, Pulse Rate and Temperature (optional)
- 3.5 inch TFT display of PI%, plethysmograph and pulse bar
- 16 user IDs for marking data and can be added
- A built-on holder for convenient standing on desktop
- The base is used to hold the oximeter, and also for charging.
- Lithium battery up to 18 hours
- More than 500 hours SpO2 and PR data storage
- PC software for data management
- Audible and visual alert function is available
- Auto power off is available



Wireless



Y-type wrap SpO2 probe (Infant)



Finger Clip (Adult)

Accessories



Adult clip sensor



Adult soft sensor



Pediatric clip sensor



Pediatric soft sensor



Neonate wrap sensor



Infrared ear thermometer (only for SP-20)

Handheld Oximeter

PC-66B

- 2.2 inch TFT display for SpO2, PI, Plethysmogram, PR
- MoveOxy SpO2 technology with artifact removal and anti-motion performance
- Various SpO2 probes for Adult, Pediatric and Neonate
- Inbuilt lithium battery for continuous monitoring
- Up to 384 hours SpO2 data storage for reviewing
- Adjustable alarm limit, pitch tone level and key tone



Y-type wrap SpO2 probe (Infant)



Finger Clip (Adult)





SPOT-CHECK MONITOR

The Spot-Check Monitor is applicable for measuring adult's physiological parameters, The device is widely used in pharmacy, clinics and home for daily measurement. Equipped with bluetooth and USB interface, users are able to observe on phone/pad in real-time or transfer the data to PC for further diagnosis and data management.

PC-303

- Compact design with 4.3 Inch display
- Monitor SpO2, PR, NIBP, TEMP, ECG and Blood glucose parameters
- Real-time display on App for both IOS and Android system
- PC data management software for data export and analysis
- Optional Briefcase with Android tablet for better use
- Provide Android, IOS, Windows communication protocols and SDK for further cooperation.
- Adapt to humanitarian support, family doctor and some places where there is lack of transport, a lack of mobility, conditions due to outbreaks.



Wireless



SPOT-CHECK MONITOR

PC-203

- Measurement of SpO2, NIBP, Pulse Rate and TEMP
- Real-time measurement display on APP of Android or IOS system
- Quick ear probe TEMP measurement result in 5 seconds
- Integrated rechargeable lithium battery
- Data upload by Bluetooth for analysis and print out
- Optional with Glucometer



Wireless

PC-102

- Measurement of SpO2, NIBP and Pulse Rate
- Real-time display on APP of Android or IOS system
- Wearable design for convenient measurement
- Integrated with rechargeable lithium battery
- Optional with Glucometer



Wireless

Accessories



SpO2 Sensor

Infrared Ear Probe

NIBP Cuff

Blood Glucometer

ECG monitor

Holter Monitor

A Holter monitor is a small, wearable device that monitors and records ECG heart activity. Its extended recording period is sometimes useful for observing occasional cardiac arrhythmias which would be difficult to identify in a shorter period.

M12

- Light-weight, compact design: less than 50g
- High-Definition display
- Real-time waveform display
- 12-lead simultaneous acquisition
- 3/5/6/10 electrode lead cable optional
- Excellent input impedance, reducing waveform distortion
- Data export by USB for efficient analysis
- Built-in rechargeable battery, continuous monitoring up to 72 hours



TH12

- Light-weight, convenient
- 12 channel digital recording
- Data transmission via SD card
- Real-time waveform display
- Continuous monitoring up to 24 hours
- Pacemaker detection, pacing sampling rate 20000Hz
- ST analysis, QT analysis
- HRT analysis, HRV frequency / domain analysis
- Obstructive sleep apnea syndrome analysis
- T wave alternative analysis
- Ventricular late potentials analysis



Holter Monitoring System

Easy and fast report output with high accuracy

All recorded channels are analyzed and episodes that are too noisy are automatically excluded. This results in an improved analysis of a "true" holter with high analysis accuracy and saves you a great amount of time.

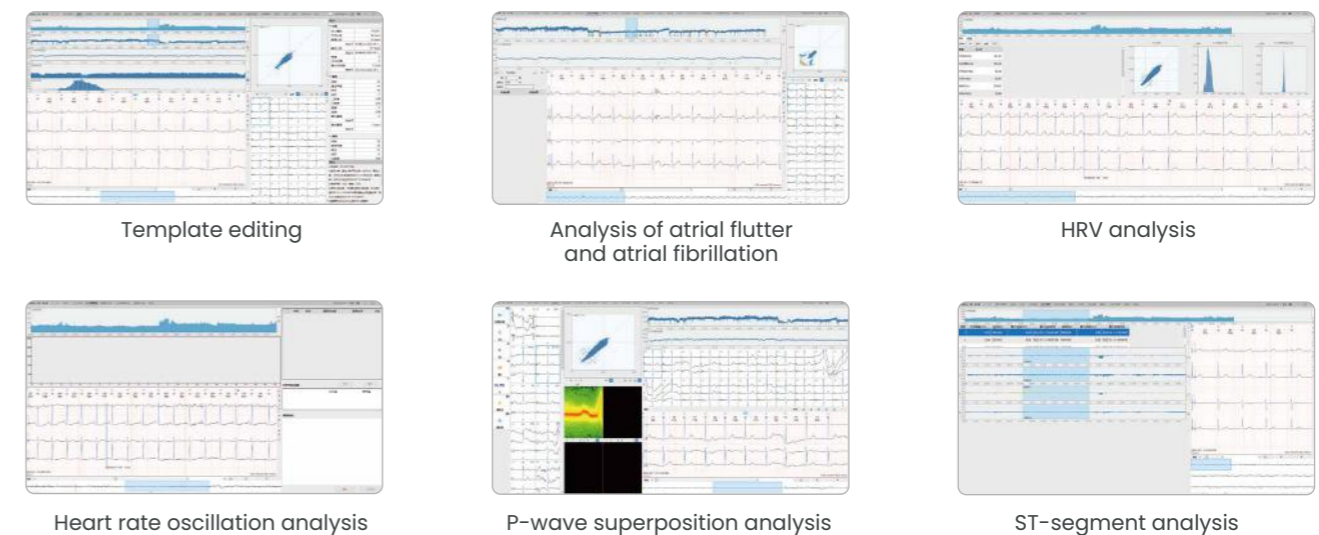


Advanced analysis capabilities

Professional ambulatory ECG analysis software, supporting rich statistical analysis.

It supports template editing, atrial flutter and fibrillation analysis, HRV analysis, heart rate oscillation analysis, P-wave superposition analysis, ST-segment analysis and other advanced analysis functions.

The optional AI-ECG artificial intelligence ECG technology can quickly and accurately identify abnormal ECG events.



Easy ECG

PC-80B

- Pocket design with simple operation for daily measurement of ECG waveform and HR at home
- Palm/Leg/Chest three quick measurement methods within 30 seconds
- 22-hour data storage of continuous measurement and 2700 units storage of quick measurement result on device
- 17 types of preset ECG waveform analysis
- Wireless connection to smart phone via Application for real-time display and data storage
- Cloud server for data storage, records within reach anywhere.
- Integrated communication protocol and SDK



DuoEK S ER2

- Lead I, Lead II, Chest Lead
- Easy setup and operation, one touch to start detecting and take a medical-grade ECG in just 30 seconds (up to 5 minutes).
- Wireless connection to smart phone via Application for real-time display and data storage
- Visible rhythm on the monitor OLED screen, easy to know Detection status
- Instant 17 types of preset ECG waveform analysis
- Compact portable design, lightweight, one charge for 500 times typical use, friendly to be used anywhere, anytime.



Digital Thermometer

The digital thermometer is lightweight, waterproof, easy to use and carry. It can measure the human body temperature quickly and accurately with the buzzing reminder. The digital thermometer can also switch the temperature between Fahrenheit and Celsius.



LMT10



LMT11A



LMT11B



LMT11C



LMT12A



LMT12B



Lightweight



Reminder

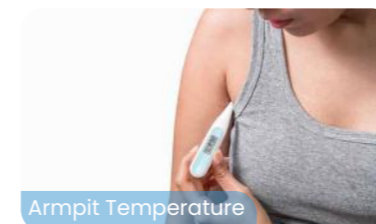


Fast & Accurate

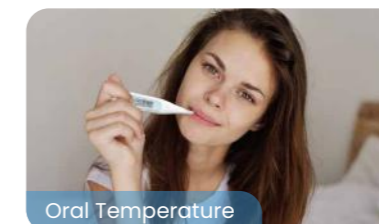


Medical Standard

Measuring methods



Armpit Temperature



Oral Temperature



Rectal Temperature

Infrared Forehead Thermometer

Infrared thermometers utilize the concept of infrared radiation to determine the surface temperature of objects without any physical contact. Non-contact approach may reduce the risk of spreading disease. It measures temperature and displays a reading rapidly.

- Non-contact
- One Second Measurement
- IP22 Protection (waterproof)
- 3 Colors Backlights (red, yellow and green)
- Indication for fever
- 99 Sets reading Data
- Available in low-temperature environment



LFR 30B



LFR 50



LFR 60



Non-contact



One second measurement



Available in low temperature environment



Blue dot temperature measurement



Indication for fever



99 Sets reading Data



IP22 protection



3 Colors Backlight

BLOOD PRESSURE MONITOR

The Automatic Arm Electronic Blood Pressure Monitor is a digital monitor intended to measure the diastolic, systolic blood pressures and pulse rate in adult patient by using a non-invasive oscillometric technique in which an inflatable CUFF is wrapped around the upper arm. It can be used in hospital or at home.



LBP70C



LBP70D

- 2 self-defined User modes
- 199 sets recording for each user
- 5.2 inch screen with backlight design
- Voice broadcasting to guide use, alarm and results
- Velvet CUFF have Self-check function
- Accurate measurement to capture tiny blood flow signals

The CUFF circumference includes 22 cm to 32 cm (8.7 inches to 12.6 inches) or 22cm to 42cm (8.7 inches to 16.5 inches).



BLOOD PRESSURE MONITOR

Armfit BP2

- Medical Grade health indicators measurement on blood pressure and ECG
- Built-in Memory, 50 readings of BP and 10 readings of ECG could be saved.
- Lightweight one-piece design, suitable for various scenes.
- Rechargeable battery, fully-charge could support more than 300 blood pressure measurement.
- Wireless connection on app for unlimited storage, data management and report.



TENS

Armfit Relax thanks to TENS (Transcutaneous Electrical Nerve Stimulation) to effectively relieve pain symptoms and treat chronic stubborn pain, acute post-traumatic pain and postoperative pain, and pain related to arthritis. At the same time, it can relieve the pain caused by strain effectively.



Blood Pressure

Armfit BP2 patented sleeve design and provides medical grade blood pressure measurements. Simple operation and one key to measure blood pressure for daily monitoring hypertension.

ECG

Armfit BP2 support various single-lead measurement methods, Lead I, Lead II, and Chest lead. 30 seconds quick result supported.



BLOOD GLUCOSE METER

Poctor 800

The Poctor 800 blood glucose meter adopts the glucose oxidase method, which is applied to quantitatively detect the glucose concentration with whole blood samples from fingertip. This is only used to supervise the effort of diabetes' blood glucose control.

- Patients with hyperglycemia: Impaired fasting blood glucose, impaired glucose tolerance
- Diabetic patients: Type I diabetes, type II diabetes, gestational diabetes
- Patients with other types of diabetes
- People at high risk of abnormal glucose metabolism



Blood Glucose Test

Poctor M3101

3 in 1, Compact design to monitor Blood glucose, Ketone and Uric Acid Meters

- Multi-functional, portable and easy operation
- Able to correct hematocrit and temperature
- Compatible with finger blood and venous blood
- Startup by inserting a test strip and automatic withdrawal of the test strip
- Large storage capacity, capable of storing 600 sets of test results



Wireless



Blood Glucose Test (Dehydrogenase)



Blood Glucose Test (Oxidase)



Ketone Test



Uric Acid Test

CHOLESTEROL ANALYZER

In vitro quantitative determination of cholesterol (CHOL), concentrations in human whole blood (capillary blood or venous blood) using the principle of light reflection. The main harm of hypercholesterolemia is to easily cause coronary heart disease and other atherosclerotic diseases. This test are performed for individuals who need cardiovascular risk assessment and lipid-lowering drug treatment.

LP-M3-11

- Micro blood: sampling (35μL)
- Long standby (Test more than 1000 times)
- Light and convenient, easy to carry
- Large screen display result clearly
- Dry Chemical Method



Intended Use:

In vitro quantitative determination of cholesterol (CHOL), high-density lipoprotein cholesterol (HDL) and triglyceride (TRIG) concentrations in human whole blood (capillary blood or venous blood) using the principle of light reflection.

- Please read IFU carefully or purchase and use under the guidance of medical staff
- Please refer to IFU for details of contraindications or precautions
- The product is only used as cholesterol monitoring tool, the results can't be used as a basis for clinical diagnosis



Application:

It can be used by persons with medical expertise or non-professionals with hyperlipidemia (or their families) under the guidance of doctor to measure CHOL, HDL and TRIG concentrations.

COAGULATION ANALYZER

PT-M1-11 coagulation Analyzer and PT-S1-01 Prothrombin Time Detection Card need to be used together, and its purpose is to determine the prothrombin time (PT) of human capillary blood. It adopts the Electrochemical Method.

PT-M1-11

- Micro blood: sampling
- Long standby (Test more than 200 times)
- Light and convenient, easy to carry
- Large screen display
- result clearly



Intended Use:

PT-M1-11 coagulation Analyzer and PT-S1-01 Prothrombin Time Detection Card need to be used together, and its purpose is to determine the prothrombin time (PT) of human capillary blood

- Please read IFU carefully or purchase and use under the guidance of medical staff
- Please refer to IFU for details of contraindications or precautions
- The product is only used as coagulation function dynamic monitoring tool, the results can't be used as a basis for clinical diagnosis

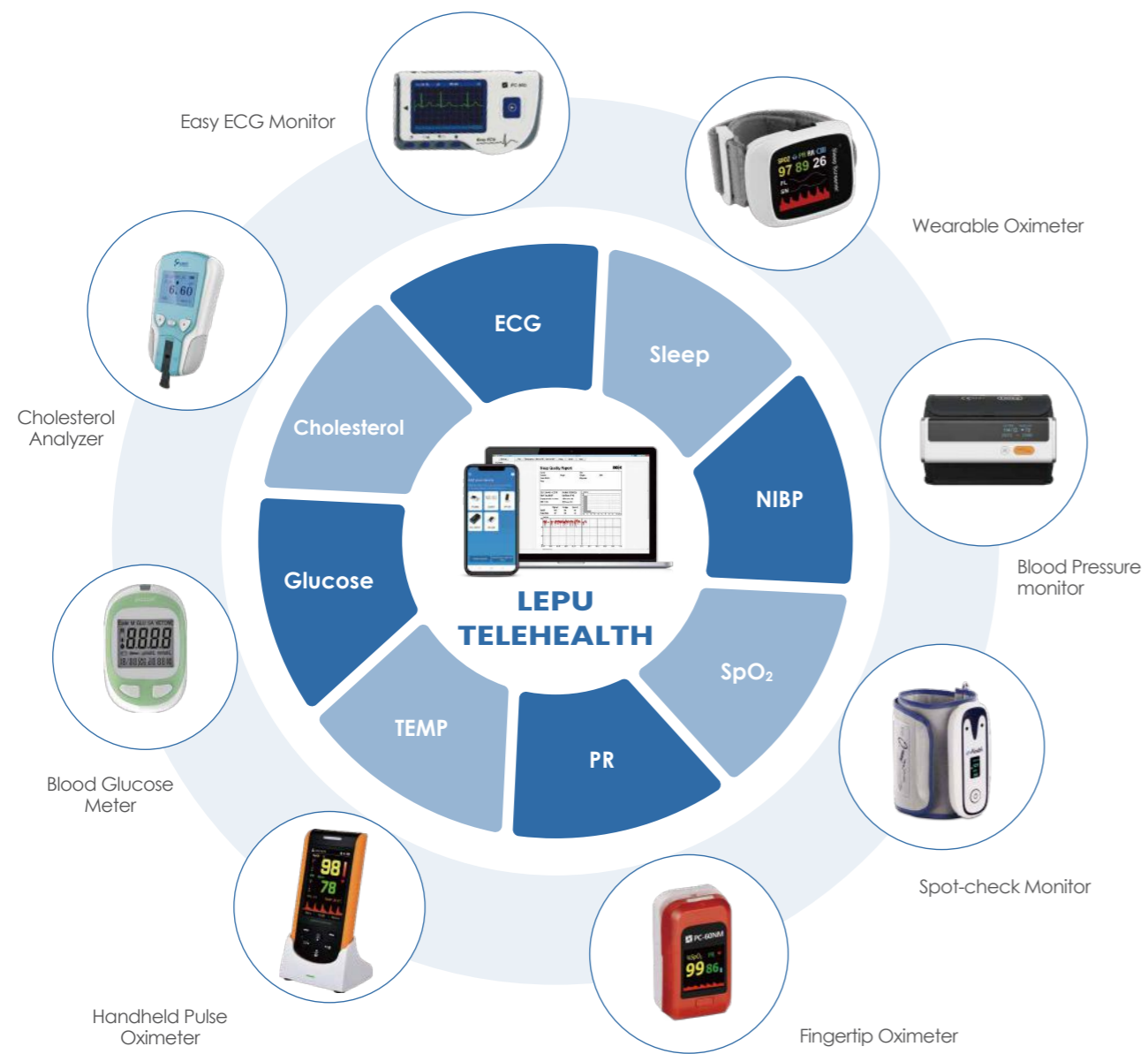


Application:

People with abnormal coagulation or long-term oral anticoagulants requiring regular monitoring of coagulation function

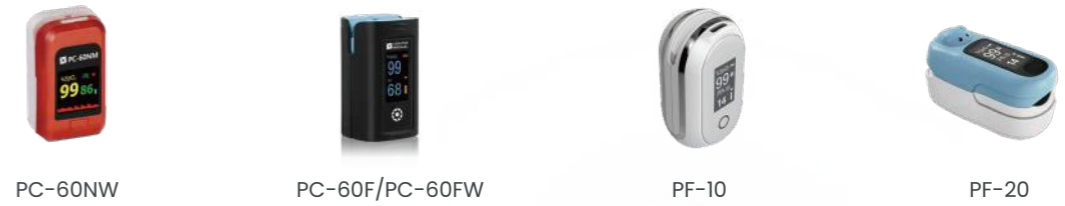
TELEHEALTH SOLUTIONS

Lepu's telehealth solutions connect patients with healthcare professionals to increase patient's remote access to medical care. Healthcare professionals can use telehealth devices to check patients' health status in real time via phone or mobile APP. Especially the APP could be integrated into customers' own telehealth solutions with provided SDK. Let's work together to develop unique solutions and deliver high-quality medical care.



Product model

- Fingertip Oximeter:



- Handheld Pulse Oximeter | Wearable Oximeter



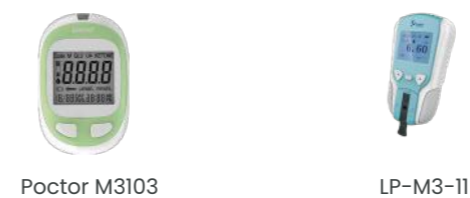
- Spot-check Monitor



- Easy ECG Monitor | Blood Pressure monitor



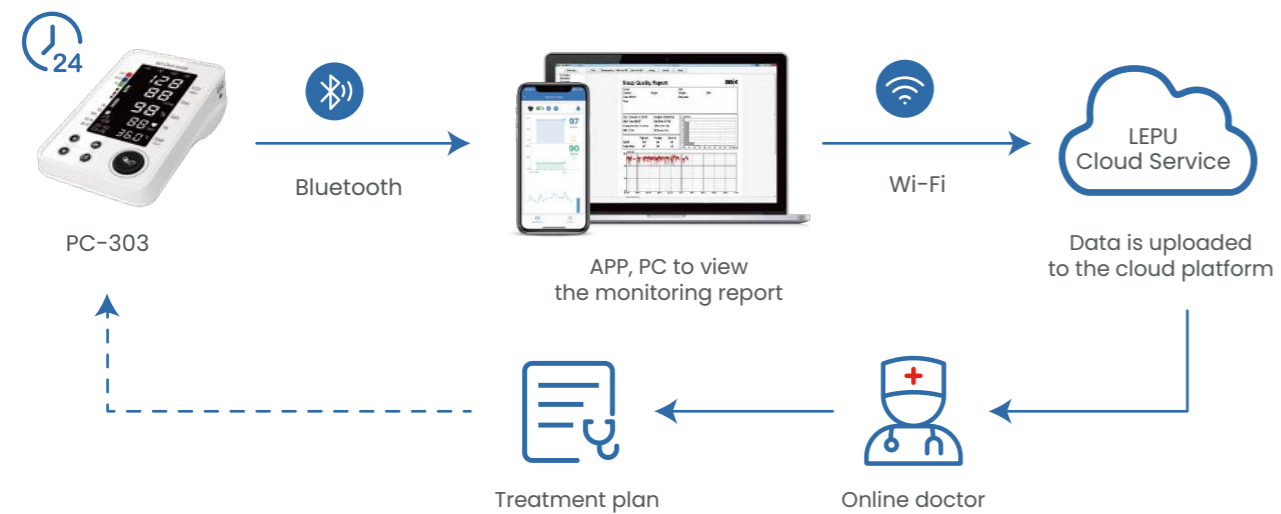
- Blood Glucose meter | Cholesterol Analyzer



PC-303 Spot-check Monitor

Remote monitoring program has assisted patients in avoiding a clinic visit. Remote patient monitoring provides monitoring and support at home to help patients reach their healthcare goals.

It is hospital level care and will help facilitate patients care and help set up a variety of Bluetooth enable remote monitoring devices.

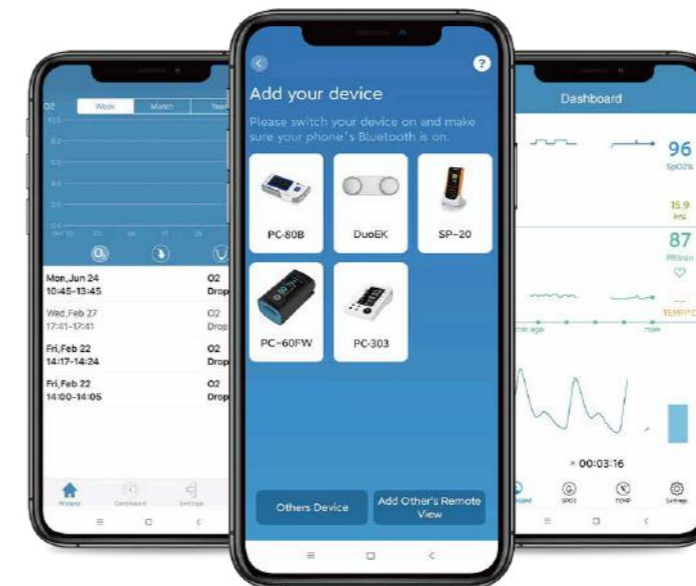


Telehealth Solutions:

Mobile medical device + APP, PC + doctor analysis software

Work with ViHealth

- Store Unlimited History**
 Get unlimited access and full control of your data without any charge.
- Seamless Experience**
 Blood pressure data will be automatically synced to the Vihealth app in background (Wi-Fi Access requirement).
- X 3 Blood Pressure Measurement**
 For better reliable result, function X3 Measurement provide 3 times blood pressure measurement automatically and take the average.
- Automatic Bluetooth Sync**
 As soon as the device paired and connected with your smartphone/tablet, history readings will be synchronized automatically, you can view all measuring results on your iOS/Android device.
- Multi-User Management**
 Support multiple user management with notes.
- Work with Apple Health**
 Sync with Apple Health, allowing you to better view and manage history readings.
- One Click to Share**
 All data and history can be sent to others in the security way at PDF/CSV.





ONLINE DOCTOR

And medical consultation