



EECP GLOBAL

## WORLD NO.1 HEART REHABILITATION SYSTEM

FOUNDED BY  
VASO & PSK



**60+**  
COUNTRIES  
WORLDWIDE



**5000+**  
UNITS OF EECP PRODUCT



**10,000,000+**  
PATIENTS TREATED



**4,000+**  
HOSPITALS WORLDWIDE



**30+**  
YEARS OF TECHNOLOGY



### INTERNATIONAL CERTIFICATIONS



### PRODUCT INTRODUCTION

#### EXTERNAL COUNTERPULSATION (EECP) & CARDIOVASCULAR DIAGNOSTIC SYSTEMS

##### CORE CLINICAL FUNCTIONS

- ECG and blood oxygen data collection; ECG waveform and numerical display
- Only trigger wave can respond to counter-pulsation; ECG electrode detachment alarming
- Heart rate protection; Premature beat protection
- Suppression of tall T waves; Common mode rejection
- SpO2 waveform and numerical display; Blood oxygen saturation over-limit reminding
- Adjustable gain for ECG and SpO2 waveforms; Pressure adjustment; Operating pressure protection
- Inflation/deflation time adjustment; Inflation/deflation time adjustment protection; Emergency stop
- Mechanical restraint removing; Braking function
- Real-time display of SpO2 waveform, DS/ peak ratio, heart rate value, ECG waveform, inflation state, deflation state, treatment pressure and time
- Selectable counter-pulsation ratio of 1: or 12;; Manually adjustable mode of sequence
- When the heart rate is too high, the sequential mode starts the 2steps sequence function automatically
- Selectable horizontal scanning speed; Patient information management function; Demonstration function
- Adjustable lifting of bed backrest (applicable to PSK-ECP/TI model)
- The upper limb counter-pulsation function can be added according to customer needs

##### P-ECP/TI-S (All-in-one Intelligent Model)

- Solenoid valve response  $\leq 39$  ms for precise inflation/deflation and better efficacy
- High-power air pump with sufficient airflow
- Multi cylinder design for stable air supply
- Built-in blood pressure measurement
- Patient treatment data memory reduces operator workload



##### P-ECP/TI-L (All-in-one Multi-function Model)

- With blood pressure measurement and data display
- **Real-time hemodynamic data monitoring** and display
- Solenoid valve response  $\leq 39$  ms for precise inflation/deflation and better efficacy
- High-power air pump with sufficient airflow
- Multi cylinder design for stable air supply
- Built-in blood pressure measurement
- Hemodynamic monitoring displays real-time parameters to visually evaluate EECP efficacy



##### P-ECP/TI (All-in-one Model)

- FDA, CE, ISO13485, MDSAP, RoHS certified
- Solenoid valve response  $\leq 39$  ms for precise inflation/deflation and better efficacy
- High-power air pump with sufficient airflow for optimal performance
- Integrated main control board for faster module response
- Top-selling model, exported to 35+ countries



##### P-ECP/TM (Mobile Model)

- FDA, CE, ISO13485, MDSAP, RoHS certified
- Solenoid valve response  $\leq 39$  ms for precise inflation/deflation and better efficacy
- High-power air pump with sufficient airflow for optimal performance
- Integrated main control board for faster module response
- Portable design for versatile clinical scenarios
- **Mobile station**



### EECP CENTER MANAGEMENT SYSTEM

#### CORE CLINICAL FUNCTIONS

- Device management & monitoring
- Patient registration & database management
- Treatment data storage & retrieval
- Statistical analysis & reporting
- Multi-device simultaneous monitoring

#### ADVANTAGES

- Monitors **up to 12 EECP devices** simultaneously; displays ECG, heart rate and key data in real time
- Manages patient information and enables smart allocation across devices
- Stores treatment records for easy review by physicians
- Supports classification by disease type for clinical comparison and research



### DYNAMIC MULTI-PARAMETER ANALYSIS (6MWT)

#### CORE CLINICAL FUNCTIONS

- Rapid cardiovascular assessment within 6 minutes
- Evaluates: Blood circulation, Vascular condition, Cardiac function
- Immediate data output for clinical decision-making

#### ADVANTAGES

- Trolley & treadmill versions available for different clinical scenarios
- Available in trolley and tablet versions
- Medical-grade monitoring software
- **Configurable ECG (1-lead / 7-lead / 12-lead)**
- **RFID-based tracking** for accurate movement measurement



## MOBILE CARDIAC TELEMETRY (MCT)



### CORE CLINICAL FUNCTIONS

- 30 days real-time remote cardiac monitoring
- Early detection up to 12 arrhythmias
- Supports long-term cardiac care & intervention

### ADVANTAGES

- **Integrated analysis software with reporting**
- **FDA approval for accuracy**
- **30 days (24/7) real time monitoring**
- **Monitoring up to 2000 cases simultaneously**
- **Detect up to 12 types arrhythmias**

## AMBULATORY ECG HOLTER MONITOR



### CORE CLINICAL FUNCTIONS

- Accurate detection of arrhythmias
- Reliable long-term ECG monitoring
- Essential tool for cardiovascular diagnosis

### ADVANTAGES

- Compact & Portable – Small size for easy carrying.
- Event Recording – Supports event marker functionality
- Pre-loaded Patient Info – Pre-set patient information to avoid confusion
- Power-off Continuation – Continues recording after power interruption
- 12-Lead & 3-Lead Compatible – Standard 12-lead ECG with 3-lead compatibility
- Low Power Consumption – Runs continuously for 24 hours on a single AAA battery
- Dual Independent Pacing Detection Channels – Patented technology (Patent No.: ZL 2013 2 0496184.6 / ZL 2011 2 0261238.1)
- Exclusive Battery Voltage Recording Channel – Monitors power status for reliability

## AMBULATORY BLOOD PRESSURE MONITORING



### CORE CLINICAL FUNCTIONS

- Elimination of White-Coat Effect
- Early Detection of Asymptomatic Hypertension
- Circadian Risk Prediction
- Evaluates drug efficacy
- Detects "non-dipper" patterns (nocturnal BP drop <10%), associated with end-organ damage.
- Prognostic Value for Target Organ Damage

### ADVANTAGES

- **Intelligent Fluid Control Technology**
  - Smoother and more accurate blood pressure measurements
  - Rapid inflation & linear deflation - Closest to physician's auscultation procedure
- **Complete BP Information Technology in Recorder**
  - Records BP measurements and automatically generates corresponding "BP Pulse Waveforms"
  - Objectively verifies measurement accuracy and validity
- Pre-load Patient Data into Recorder Eliminates case confusion
- Day/Night Measurement Scheduling and Customizable monitoring periods
- Dual-Core Processor Design
- Enhanced safety + wider dynamic range
- Unique Auto-Supplemental Inflation Effortlessly handles sudden BP spikes

## EXERCISE ECG & BLOOD PRESSURE 2 IN 1 COMBINER MONITOR



### ADVANTAGES

#### Three Operation Modes

- Ambulatory ECG monitoring
- Ambulatory blood pressure monitoring
- Synchronized ECG + BP monitoring

#### ECG-BP Linkage Function

- Automatically triggers BP measurements when detecting:
  - Abnormal heart rate variability (beyond preset thresholds)
  - Significant ST-T segment changes
- Real-time correlation analysis (patented algorithm)

#### Patient Management

- Pre-programmable patient profiles (ID/demographics)
- Auto-save during power loss (≥72hr data retention)

#### BP Monitoring Features

- Customizable day/night measurement schedules
- Dual-core overpressure protection (Patent No. US2024/XXXXXX)
- Primary: Mechanical pressure relief valve
- Secondary: Digital pressure limiter

## BICYCLE ERGOMETER SYSTEM

TYPES: UPRIGHT | RECUMBENT

### CORE CLINICAL FUNCTIONS

- Cardiac & pulmonary rehabilitation training
- Adjustable intensity for different patient conditions
- Suitable for elderly and post-rehabilitation patients

### ADVANTAGES

- Diversified functional modes
- Supports constant power, constant heart rate, etc., based on physician prescription
- Real-time monitoring of blood pressure, SpO<sub>2</sub>, ECG with adjustable alarms
- Adjustable seat (forward/backward, up/down)



(UPRIGHT)



(RECUMBENT)

LEADING THE FUTURE OF  
MEDICAL REHABILITATION

WORLD NO.1  
HEART REHABILITATION SYSTEM



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