

# P-ECP/TM

TM model is a mobile device that can be wheeled to the patient at on a treatment table, hospital bed or reclining chair. It can be shared between rooms and multiple locations in a medical facility, clinic or hospital

- Designed to reduce noise and heat buildup
- Uses German air compressor

## Product Features

- Portable design saves floor space
- Uses the latest computer, modern control technique and software control system
- Ergonomic design for patient comfort

## Regulator and Quality Certifications

- U.S. Federal Drug Administration (FDA) cleared
- EC Certificate of Conformity (CE)
- ISO 13485: 2003/ISO 13485: 2012
- KFDA cleared/Korea
- GOST R cleared/Russia
- ARTGC(TGA) cleared/Australia
- INVIMA registered/Colombia

## Dimension and Weight

LxWxH 790mmx520mmx1010mm Net Weight 133kg

## Operating environment:

Temperature 10°C to 30°C Relative humidity <70%

Atmospheric pressure 86kPa to 106 kPa

Atmospheric free of corrosive gas

## Power Requirements

AC Single Phase: 220V 50Hz/60Hz Maximum Power: 2.6KVA

## Noise <60db Pressure range

0 ~ 440 mmHg or 0 ~ 59 kPa

## ECG Amplifier

Input impedance: >2 MQ Common mode rejection ratio: >80db

## Treatment Session Time

Measured in minutes

Adjustable treatment time: 1 min to 60 min (Max.)

System automatically stops when set time expires

## Triggering Method

External trigger: R-wave of patient ECG

External trigger ratio: 1:1 or 1:2

ECG triggers range: 35~125 ±2 bpm for adults

## Cuffs

6 sizes fit all patients' types: XS, S, M, L, XL, XXL Calf, lower thigh, upper thigh, buttocks are integrated

## Backrest

Remote, 0-45 degrees adjustable backrest Safe working load: 150KG Remote control adjustable

## Safety protection function

- ECG applied part>4000V of high-voltage isolation
- finger pulse probe ≥2500V of high-voltage isolation
- Heart rate automatically stops counterpulsation in the following conditions: (Max.: 165bpm)
  - a) Adults: <35 bpm, >125bpm
  - b) Children (under the age of ten): <35bpm, >165bpm
- Automatic exhaust protection while premature beat
- Hand-operated emergency button to stop counterpulsation
- System protection function
- ON/OFF switch on the machine is fused
- Air/Vacuum Pump relay is overload protected

## Patient Protection

- Automatic vacuum deflation of cuffs on early/extra systole
- Automatic high-pressure limit <450 mmHg
- Automatic treatment stop if heart rate goes out of range (35-125 bpm)
- Emergency Stop button, easy to reach by patients
- Automatic recognition of the R wave of ECG, machine stops when it detects poor ECG signal
- 2 steps inflation is available for the patients with piles, hip joint surgery, back ache or vertebral column injuries

