

PSK P-ECP/TI WITH TOUCH SCREEN



Product Features

- All-in-One design saves floor space
- Uses the latest computer, modern control technique and software control system
- Designed to reduce noise and heat buildup
- Uses German air compressor
- Ergonomic design for patient comfort

Regulatory 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 2070mmx 1120mmx 1100mm Net weight 204kg

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 inj

PSK ECP/TI is an All-In-One system which integrates an ergonomically designed patient bed with a high tech electro-mechanical system providing patient comfort and ease of use. It is designed to incorporate special features that assist in noise reduction and heat dissipation. The bed design, based on human engineering, enables patients to enjoy greater comfort during treatment. The modern design of the system provides an appearance of luxury.