



The A-V Impulse™ foot compression system helps to prevent Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE) by mimicking the natural hemodynamic process of walking and weight bearing. Upon every step, the plantar arch is flattened, causing an immediate evacuation of blood from the plexus of veins in the bottom of the foot. This action sends a column of blood up to the leg and back to the heart. The ImPad™ rigid sole foot covers are designed with a hard sole, which contains and directs the impulse to the bottom of the foot. This action mimics the natural hemodynamic effect of ambulation and has been clinically proven to reduce this incidence of VTE as well as post-operative swelling and pain.

## Features

- Provides DVT Prophylaxis
- Reduces pain and swelling
- Enhances arterial blood flow
- 0.4 second rapid inflation simulates the weight bearing process.
- 3 second hold time with 1 second option can be used for patients with casted or sensitive limbs.
- 20 second vent between impulses allows optimal refilling of the plantar venous plexus.
- 130 mmHg pressure balances efficacy and patient comfort



## Specifications

### Dimensions

Height: 6.4 in ( 16.2 cm)

Width: 9.2 in ( 23.4 cm)

Depth ( less Handle): 10. 2 in ( 26.0 cm) overall

Weight: 7.5 lbs ( 3.4 kg)

### Electrical

Electrical Supply: 120V 0.6A 60Hz

Fuses: T1A x 20mm (Antisurge)

The Controller is built and tested toUL544.

### Performance

Output Impulse Pressure: 60 to 200 mmHg adjustable through + and – buttons.

Impulse Duration: 1 or 3 seconds adjustable through PRESETS buttons.

Cycle Time: Impulse delivered every 20 seconds in default, adjustable from 12 to 50 seconds through CYCLE button.