

Circulator Boot

*Cardio-Synchronous
Compression System
for Treating Chronic
Ulcers and Pain in the
Feet and Legs.*

Indicated for patients with peripheral arterial and venous insufficiency and diabetic complications, the Circulator Boot™ is an end-diastolic pneumatic boot designed to increase circulation to the extremities.

It is also indicated for ischemic ulcers, rest pain, claudication, threatened gangrene, insufficient blood supply to an amputation site, nocturnal leg cramps, necrobiosis diabeticorum, and chronic lymph edema. It is contraindicated for patients at risk for pulmonary emboli. The system controller unit includes an ECG monitor that detects the patient's heart timing. It is shipped with a video training DVD to facilitate the orientation of new staff.



The Circulator Boot system is a set of equipment which includes the following:

- A controller unit to detect the QRS complex of the ECG signal and to time boot compressions in the end portion of the cardiac cycle.
- A rapid action valve assembly capable of both pressurizing and exhausting the boots within a fraction of a second.
- Rigid, adjustable long boots to enclose the leg from groin to toes.
- Disposable double-walled plastic bags to enclose the chosen portion of the leg and to contain the compressed air.
- Rigid Miniboots to enclose the foot and ankle for patients requiring treatment of the feet only.
- Fluted lower-leg legging to extend the Miniboot treatment as high as the knee.
- Compressed air supply to power the circulator boot compression cycles.

Specifications:

- Heart monitor: 3-lead ECG, with patient isolation
- Timing accuracy: +/- 0.1 ms or better
- Boot pressure: 0 - 112 mm Hg, adjustable (0 - 60 inches of water)
- Over pressure protection: 121 mm Hg (65 inches of water)
- Power: 100 - 240 VAC, 50 - 60 Hz

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BIOMATION

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