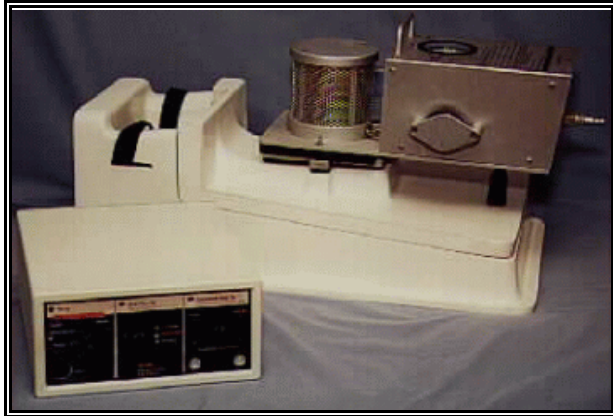


Circulator Boot™

A 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 help 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 not indicated for patients at risk for pulmonary emboli. The system includes an ECG monitor that detects the patient's heart timing.



Mini-Boot, Valve Assembly and Heart Monitor.



Long-Boot, Valve Assembly and Heart Monitor.

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

- A heart monitor to detect the QRS complex of the EKG signal and to time boot compressions in the end portion of the heart 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 Miniboosts 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:	120 VAC, 60 Hz

The Circulator Boot is a clinical equipment system designed to compress chosen portions of the leg in the end-diastolic portion of the heart cycle, in a series of treatments each commonly lasting 40 minutes. It is shipped with a video training tape to facilitate the orientation of new staff.

BIOMATION

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