

Intermittent, Sequential Compression Therapy

The **VascuComp 1** by ThermoTek delivers a unique and proprietary multi-modality compression therapy solution in one easily transportable device.

The VascuComp 1 can be programmed to provide any of the following treatment modalities:

TREATMENT MODALITIES

- **VascuComp 1-AI:** To enhance arterial blood flow.
- **VascuComp 1-L:** To treat disorders associated with vascular or lymphatic insufficiency.
- **VascuComp 1-DVT:** To reduce the risk of clot formation.



FEATURES

- Provides sequential, calibrated gradient compression
- Delivers high pressure, rapid inflation and deflation pressure pulse (1-AI model)
- Adjustable individual pressure chambers (1-L model)

SPECIFICATIONS/OPTIONS

- Dimensions: 7"W x 8"H x 8"D
- Weight: 7 lbs.
- Hospital Grade Power Cord
- Safety: UL 60601-1, CSA 22.2, IEC 60601-1, IEC 60601-1-2, FDA 510K
- Single Patient Use Garments
- Travel Bag
- Bed Bracket

AVAILABLE GARMENTS

- **Arterial Insufficiency Treatment Garments:**
Sequential Compression Foot - Calf Garment Set
- **Vascular or Lymphatic Insufficiency Treatment Garments:**
4 Chamber Full Leg (Small, Medium, Large)
Adjustable extenders to fit any size leg
4 Chamber Full Arm (Small, Medium, Large)
- **Treatment Garments to reduce risk of DVT:**
Foot
Calf

COMPANY PROFILE:

ThermoTek has been a leader in the medical device industry for more than twenty years. With our innovative designs for precision thermal management solutions and numerous patents on our technology, we continue to push the envelope with new and creative product offerings.

Patents: www.thermotekusa.com/patents

*Refer to User Manual for Contraindications.

NOTE: Federal law restricts this device to use by or on the order of a licensed medical practitioner. Follow the prescribed instructions of your medical practitioner for therapy mode, treatment area, duration and frequency of treatment.



ThermoTek™
1200 Lakeside Parkway, Flower Mound, TX 75028

VascuComp® 1

1-877-242-3232 (toll free)
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AI TREATMENT

VascuComp AI Treatment is designed to enhance arterial blood flow by providing targeted sequential gradient compression of the foot followed by the calf using a rapid inflation/deflation pressure pulse. This compression cycle accelerates the venous velocity which results in improved arterial flow.

The compression cycle initiates with a quick compression of the foot to 120 mmHg, followed by a one second interval, then a sequential compression of the calf to 120 mmHg within two seconds. Following the compression phase, the garments are deflated rapidly and held at rest for a period of sixteen seconds. The cycle is repeated three times per minute.

INDICATIONS:

- Minor amputations
- Graft failure
- Night pain
- Ulcers
- Angioplasty/Stent failure
- Intermittent claudication
- Rest pain
- Arteriopathic wounds
- Ischemia
- Small vessel disease

LYMPHEDEMA TREATMENT

VascuComp L Treatment is intended to aid in the treatment, reduction and control of peripheral edema, including congenital lymphedema (primary or secondary) of the upper and lower extremities, venous insufficiency and venous stasis ulcers.

VascuComp is designed to deliver programmable, calibrated gradient pressures to individual chambers within the compression garment for optimal treatment. The garment is compressed sequentially starting at the distal chamber and progressing to the proximal. When the chambers are fully compressed to the pre-programmed pressures, they are all simultaneously vented to a rest state of 5 mmHg for a programmed time of ten to seventy seconds. The compression cycle is repeated. Each chamber pressure can be individually adjusted from 20 mmHg to 80 mmHg or be turned off as prescribed by the physician.

INDICATIONS:

- Venous stasis ulcers
- Venous insufficiency
- Lymphedema
- Reduce and manage peripheral edema



ThermoTek™

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