



Improving patients' lives with home compression therapy

Pneumatic Compression Devices

Arterial Blood Flow Systems

DVT Systems

Cold Compression Therapy



Who We Are



has been the leading manufacturer of pneumatic compression devices for over 30 years.

Compression therapy is used for the treatment of lymphedema, venous insufficiency, non-healing wounds, DVT prophylaxis, post-op edema and sports injuries. All of our pumps have a sleek, lightweight design, extremely quiet running cycles, and a non-peristaltic action which has been scientifically proven to mimic the body's own function to improve range of motion and reduce swelling. Use of pneumatic compression will not only manage symptoms, it will improve quality of life.

Based in Moonachie, New Jersey, our manufacturing facility is focused on quality products that are second to none. All of our venous and arterial pumps come with a 3 year warranty, the longest guarantee in the industry. Our products are all FDA cleared and CE marked, and CE approved, our facility is ISO 13485 certified to assure that all quality expectations are met.

With countless clinical studies to prove the efficacy of our products, it's no wonder that patients all over the world turn to Bio Compression Systems to help treat their diseases.



U.S. BASED



MANUFACTURER



WHO IS BIO COMPRESSION?

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PRODUCT CATEGORY

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Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

Sequential

4 C H A M B E R

Our 4 and 8 Chamber Sequential Circulators

are gradient, sequential, pneumatic compression devices intended for the primary or adjunctive treatment of Lymphedema. These devices are also used for the treatment of chronic venous stasis ulcers and associated venous insufficiency, as well as general treatment of swelling of the extremities. All our sequential circulators are for home or hospital use.

Benefits Include:

- Reduces Pain
- Improves Lymphatic and Vascular Flow
- Promotes Wound Healing
- Prevents Infection
- Provides Effective Prophylaxis for Venous Thrombosis
- Reduces Dynamic Edema



SC-2004-OC

Key Features:

- 4 Chamber System
- Gradient (4 levels)
- Sequential
- Non-peristaltic
- Distal to proximal cycle
- Unilateral or bilateral use
- 90 second cycle time
- 20 - 80 mmHg pressure range
- Slim and light design
- Silent
- Easy handling

Specifications:

Dimensions: 4.5" x 11" x 7.375"
11 cm x 28 cm x 19 cm

Weight: 4.65 lb
2,1 kg

Supply Item: E0651



SC-2004FC-OC

Key Features:

- 4 Chamber System
- Gradient (4 levels)
- Sequential
- Non-peristaltic
- Distal to proximal cycle
- Unilateral or bilateral use
- 60 second cycle time
- 20 - 80 mmHg pressure range
- Slim and light design
- Silent
- Easy handling

Specifications:

Dimensions: 4.5" x 11" x 7.375"
11 cm x 28 cm x 19 cm

Weight: 4.65 lb
2,1 kg

Supply Item: E0651



SC-3004-DL

Key Features:

- 4 Chamber System
- Gradient (4 levels)
- Sequential
- Non-peristaltic
- Distal to proximal cycle
- Unilateral or bilateral use
- 60 second cycle time
- 0 - 120 mmHg pressure range
- Slim and light design
- Silent
- Easy handling
- Timer
- Compliance meter
- Individual pressure adjustment in every chamber

Specifications:

Dimensions: 4.5" x 11.75" x 7.75"
11 cm x 30 cm x 20 cm

Weight: 5.65 lb
2,56 kg

Supply Item: E0652



SC-3008-DL

The ultimate pneumatic compression device. The SC-3008-DL Sequential Circulator is as unique as the patient population it services. All patients have different needs so our purpose-built technology measures and then delivers pressure to each and every chamber in the garment to give the best possible treatment. The SC-3008-DL lets the user program the pressure setting in any and all of the 8 chambers, always keeping greater pressure distal so as to avoid any reflux. Complete with a compliance meter to monitor patient use, the SC-3008-DL also has an adjustable countdown clock that shuts off the pump after treatment has ended.

Key Features:

- 8 Chamber System
- Gradient (8 levels)
- Sequential
- Non-peristaltic
- Distal to proximal cycle
- Unilateral or bilateral use
- 60 second cycle time
- 0 - 120 mmHg pressure range
- Slim and light design
- Silent
- Easy handling
- Timer
- Compliance meter
- Individual pressure adjustment in every chamber



Specifications:
 Dimensions: 4.5" x 11.75" x 7.75"
 11 cm x 30 cm x 20 cm
 Weight: 5.9 lb
 2,68 kg

Supply Item: E0652



SC-2008-OC

Key Features:

- 8 Chamber System
- Gradient (8 levels)
- Sequential
- Non-peristaltic
- Distal to proximal cycle
- Unilateral or bilateral use
- 60 second cycle time
- 20 - 80 mmHg pressure range
- Slim and light design
- Silent
- Easy handling

Specifications:
 Dimensions: 4.5" x 11.75" x 8.125"
 11 cm x 30 cm x 21 cm
 Weight: 5.25 lb
 2,38 kg

Supply Item: E0651

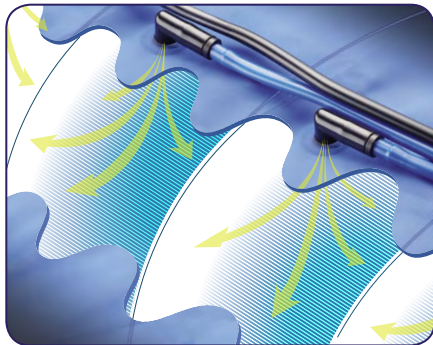
Made to the hig



Bio Compression Systems produces the most extensive range of garments in the industry. With over 50 different standard sizes available off the shelf for lower extremity, upper extremity, abdominal and truncal patients, nobody is left untreated by Bio Compression. And for those rare occasions where our standard sleeves do not fit, our manufacturing facility produces custom garments once a week to assure everyone is properly fitted without having to wait.

All of our garments are made of high quality 200 Denier Nylon Oxford, coated with 3 mil of polyurethane to assure a level of water resistance that allows all of our sleeves to be cleaned. Engineered with our special baffle system to guarantee there is no gapping during treatment, our sleeves are latex free and do not require expanders, separate tubing, or any other accessories. A simple connection system allows you to plug the sleeves into our pump with ease and be operational within seconds.

All of our lower extremity sleeves come complete with pull-up straps for ease of use, and our entire range of sleeves includes protective loops to stop unnecessary pulling of the tubes. Biocomfort Garments are manufactured with zippers from YKK, the best of its kind. We spare no cost in assuring that you get the greatest sleeve possible. Our goal is 100% satisfaction for every patient we treat.



Baffle System

While many other companies promote an overlapping chamber system with their sleeves, our garments have been carefully engineered with a baffle system that assures the best flow of pressure from one chamber to the next. The construction of independently controlled pressure chambers assures there is never gapping, peaks and valleys or bleed-through with the delivered pressure.

Best Standards



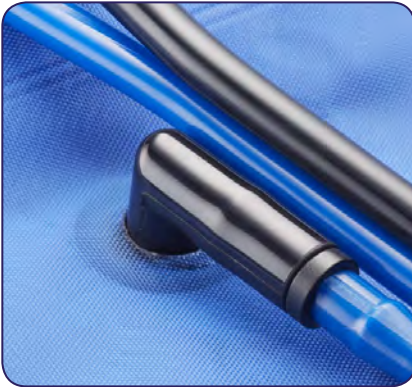
QuikConnect System

Our Biocomfort Garments all come ready to use. Just line up the chamber numbers on our specially developed clips with the numbers on our pumps, squeeze the clip and insert. It's that easy to get your treatment sessions started.



YKK® Zippers

We spare no cost in assuring that your garment is the best possible product. All of our zippers come from YKK®, one of the leaders in the industry. Complete with automatic locking sliders, our sleeves will not unzip accidentally when inflated.



Welded Air Connection Ports

All of our sleeves come complete with connection ports that are RF Welded into the sleeves. This construction guarantees that there will be no leaking, no breaking, and a perfect flow of air each and every time you sit down for a treatment.



Integrated Pull-Up Straps

All of our lower extremity garments come complete with built-in pull-up straps. While our garments are already the easiest to don and doff, we have taken every step possible to assure your patients are compliant every step of the way.



4 Chamber

STANDARD LEG SLEEVE



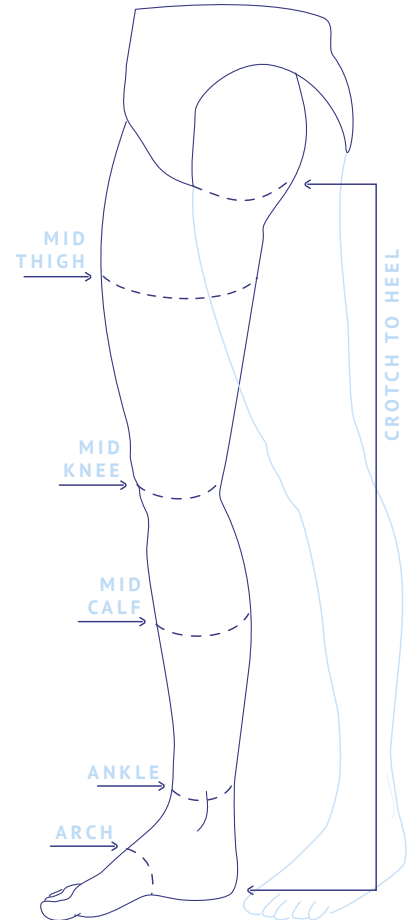
4 Chamber Standard Leg Sleeve Size and Part Number

Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size		Circumferences						Lengths	
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
GN-3045-S	Small	Narrow	25.5"	25"	22"	20"	18"	19.5"	25.5"	27"
GN-3045-M	Medium	Narrow	27.5"	25.5"	23"	20"	18"	19.5"	28"	32"
GN-3045-L	Large	Narrow	28"	26"	24"	21"	18"	19.5"	32"	36"
GS-3045-H	Half	Standard	N/A	N/A	29"	27"	23.5"	22"	19"	NA
GS-3045-S	Small	Standard	31"	30"	28"	24.5"	21.5"	19.5"	25.5"	27"
GS-3045-M	Medium	Standard	32"	30"	28"	24.5"	21.5"	19.5"	28"	32"
GS-3045-L	Large	Standard	33"	32"	30"	26"	21.5"	19.5"	32"	36"
GW-3045-H	Half	Wide	N/A	N/A	30.5"	28"	29"	23"	19"	NA
GW-3045-S	Small	Wide	35.5"	34"	30.5"	28"	25.5"	21.5"	25.5"	27"
GW-3045-M	Medium	Wide	36.5"	34"	30"	28"	25.5"	22.5"	28"	32"
GW-3045-L	Large	Wide	37"	36"	32"	29"	24"	20.5"	32"	36"
GXW-3045	Medium	Extra Wide	44"	41"	36"	34"	30"	22.5"	29"	32"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size		Circumferences						Lengths	
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
GN-3045-S	Small	Narrow	65	64	56	51	46	50	65	69
GN-3045-M	Medium	Narrow	70	65	58	51	46	50	71	81
GN-3045-L	Large	Narrow	71	66	61	53	46	50	81	91
GS-3045-H	Half	Standard	N/A	N/A	74	69	60	56	48	NA
GS-3045-S	Small	Standard	79	76	71	62	55	50	65	69
GS-3045-M	Medium	Standard	81	76	71	62	55	50	71	81
GS-3045-L	Large	Standard	84	81	76	66	55	50	81	91
GW-3045-H	Half	Wide	N/A	N/A	78	71	74	58	48	NA
GW-3045-S	Small	Wide	90	86	78	71	65	55	65	69
GW-3045-M	Medium	Wide	93	86	76	71	65	57	71	81
GW-3045-L	Large	Wide	94	91	81	74	61	52	81	91
GXW-3045	Medium	Extra Wide	112	104	91	86	76	57	74	81



Supply Item:
E0669 - Half leg
E0667 - Full leg

4 Chamber

ADJUSTABLE LEG SLEEVE



LOWER EXTREMITY GARMENTS

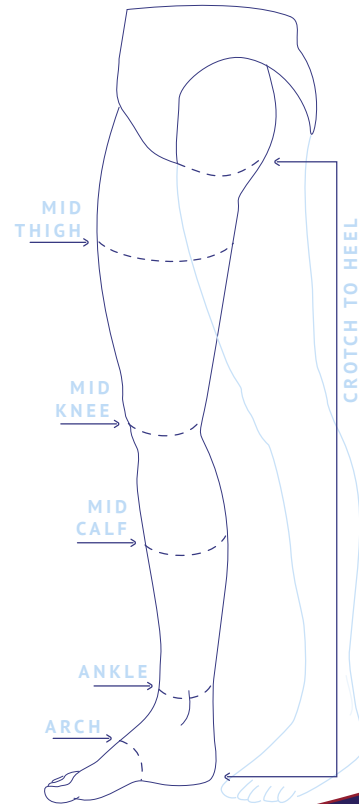
4 Chamber Adjustable Leg Sleeve Size and Part Number

Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size		Circumferences						Lengths	
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
GA-3045-H	Half	Adjustable	N/A	N/A	32"	30"	23.5"	22"	19"	NA
GA-3045-S	Small	Adjustable	34"	33"	31"	27.5"	21.5"	19.5"	25.5"	27"
GA-3045-M	Medium	Adjustable	35"	34"	31"	27.5"	21.5"	19.5"	28"	32"
GA-3045-L	Large	Adjustable	37"	36"	33"	29"	21.5"	19.5"	32"	36"
GWA-3045-H	Half	Adj. Wide	N/A	N/A	33.5"	31"	29"	23"	19"	N/A
GWA-3045-S	Small	Adj. Wide	38.5"	37"	33.5"	31"	25.5"	21.5"	25.5"	27"
GWA-3045-M	Medium	Adj. Wide	39.5"	36.5"	33.5"	31"	25.5"	22.5"	28"	32"
GWA-3045-L	Large	Adj. Wide	40"	38"	35"	32"	24"	22.5"	32"	36"
GXWA-3045	Medium	Adj. Extra Wide	47"	44"	39"	37"	30"	22.5"	29"	32"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size		Circumferences						Lengths	
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
GA-3045-H	Half	Adjustable	N/A	N/A	81	76	60	56	48	NA
GA-3045-S	Small	Adjustable	86	84	78	70	55	50	65	69
GA-3045-M	Medium	Adjustable	89	86	79	70	55	50	71	81
GA-3045-L	Large	Adjustable	94	91	84	74	55	50	81	91
GWA-3045-H	Half	Adj. Wide	N/A	N/A	85	79	74	58	48	NA
GWA-3045-S	Small	Adj. Wide	98	94	85	79	65	55	65	69
GWA-3045-M	Medium	Adj. Wide	100	93	85	79	65	57	71	81
GWA-3045-L	Large	Adj. Wide	102	97	89	81	61	57	81	91
GXWA-3045	Medium	Adj. Extra Wide	119	112	99	94	76	57	74	81



Supply Item:
E0669 - Half leg
E0667 - Full leg



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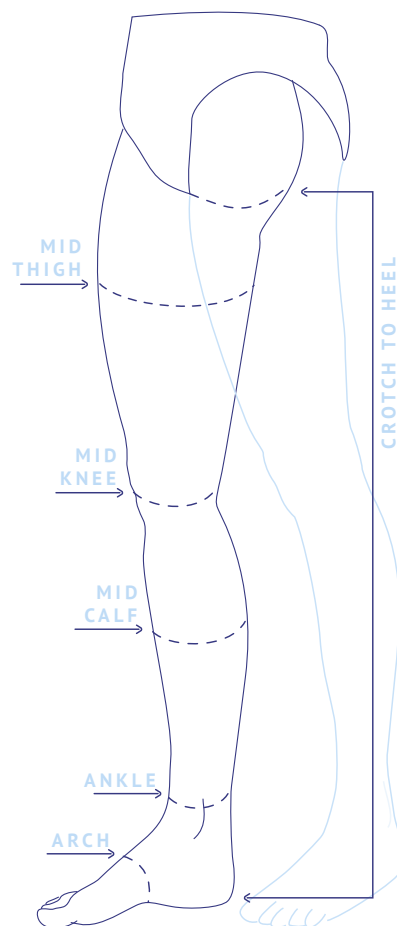
8 Chamber

STANDARD LEG SLEEVE



8 Chamber Standard Leg Sleeve Size and Part Number										
Measurements below are in Inches and are the maximum allotted point on limb										
Part Number	Size		Circumferences					Lengths		
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
G8-3045-S	Small	Standard	31"	30"	28"	24.5"	21.5"	19.5"	25.5"	27"
G8-3045-M	Medium	Standard	32"	30"	28"	24.5"	21.5"	19.5"	28"	32"
G8-3045-L	Large	Standard	33"	32"	30"	26"	21.5"	19.5"	32"	36"
GN8-3045-S	Small	Narrow	25.5"	25"	22"	20"	18"	19.5"	25.5"	27"
GN8-3045-M	Medium	Narrow	27.5"	25.5"	23"	20"	18"	19.5"	28"	32"
GN8-3045-L	Large	Narrow	28"	26"	24"	21"	18"	19.5"	32"	36"
GW8-3045-S	Small	Wide	35.5"	34"	30.5"	28"	25.5"	21.5"	25.5"	27"
GW8-3045-M	Medium	Wide	36.5"	34"	30"	28"	25.5"	22.5"	28"	32"
GW8-3045-L	Large	Wide	37"	36"	32"	29"	24"	20.5"	32"	36"
GXW8-3045	Medium	Extra Wide	44"	41"	36"	34"	30"	22.5"	29"	32"
Measurements below are in Centimeters and are the maximum allotted point on limb										
Part Number	Size		Circumferences					Lengths		
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
G8-3045-S	Small	Standard	79	76	71	62	55	49	65	69
G8-3045-M	Medium	Standard	81	76	71	62	55	49	71	81
G8-3045-L	Large	Standard	84	81	76	66	55	49	81	91
GN8-3045-S	Small	Narrow	65	63	56	51	46	49	65	69
GN8-3045-M	Medium	Narrow	70	65	58	51	46	49	71	81
GN8-3045-L	Large	Narrow	71	66	61	53	46	49	81	91
GW8-3045-S	Small	Wide	90	86	77	71	65	55	65	69
GW8-3045-M	Medium	Wide	93	86	76	71	65	57	71	81
GW8-3045-L	Large	Wide	94	91	81	74	61	52	81	91
GXW8-3045	Medium	Extra Wide	112	104	91	86	76	57	74	81

Supply Item: E0667 – Full leg



8 Chamber

ADJUSTABLE LEG SLEEVE



LOWER EXTREMITY GARMENTS

8 Chamber Adjustable Leg Sleeve Size and Part Number

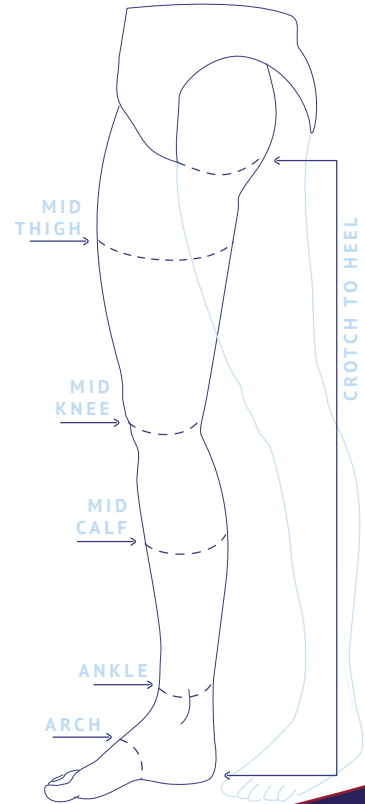
Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Adjustable	Circumferences					Lengths		
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
A8-3045-S	Small	Adjustable	34"	33"	31"	27.5"	21.5"	19.5"	25.5"	27"
A8-3045-M	Medium	Adjustable	35"	34"	31"	27.5"	21.5"	19.5"	28"	32"
A8-3045-L	Large	Adjustable	37"	36"	33"	29"	21.5"	19.5"	32"	36"
GWA8-3045-S	Small	Adj. Wide	38.5"	37"	33.5"	31"	25.5"	21.5"	25.5"	27"
GWA8-3045-M	Medium	Adj. Wide	39.5"	36.5"	33.5"	31"	25.5"	22.5"	28"	32"
GWA8-3045-L	Large	Adj. Wide	40"	38"	35"	32"	24"	22.5"	32"	36"
GXWA8-3045	Medium	Adj. Extra Wide	47"	44"	39"	37"	30"	22.5"	29"	32"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Adjustable	Circumferences					Lengths		
			Thigh below Crotch	Mid Thigh	Mid Knee	Mid Calf	Ankle	Arch (Instep)	Crotch to Heel (Length)	Inguinal Crease
A8-3045-S	Small	Adjustable	86	84	79	70	55	49	65	69
A8-3045-M	Medium	Adjustable	89	86	79	70	55	49	71	81
A8-3045-L	Large	Adjustable	94	91	84	74	55	49	81	91
GWA8-3045-S	Small	Adj. Wide	98	94	85	79	65	55	65	69
GWA8-3045-M	Medium	Adj. Wide	100	93	85	79	65	57	71	81
GWA8-3045-L	Large	Adj. Wide	102	96	89	81	61	57	81	91
GXWA8-3045	Medium	Adj. Extra Wide	119	112	99	94	76	57	74	81

Supply Item: E0667 – Full leg



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4 Chamber

ARM SLEEVE

UPPER EXTREMITY GARMENTS



4 Chamber Arm Sleeve Size and Part Number

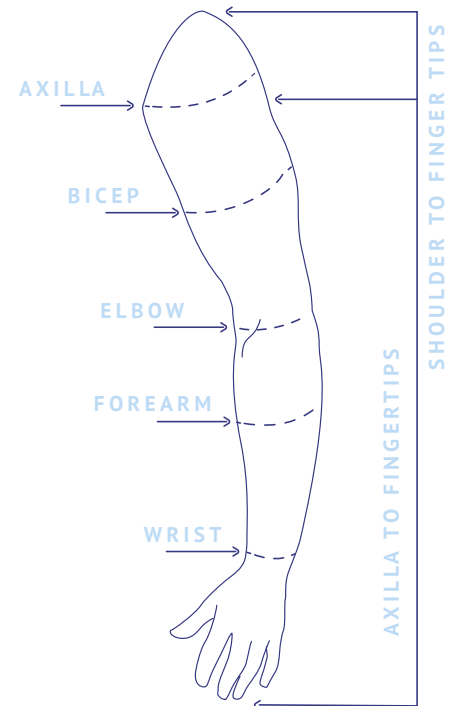
Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
GS-3035-S	Small	23.5"	22"	19.5"	17.5"	15"	24"	26.5"
GS-3035-M	Medium	27"	26"	24"	21"	18"	28"	31"
GS-3035-L	Large	25.5"	24"	21.5"	19"	16"	31"	35.5"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
GS-3035-S	Small	60	56	49	44	38,	61	67
GS-3035-M	Medium	69	66	61	53	46	71	79
GS-3035-L	Large	65	61	55	48	41	79	90

Supply Item: E0668



4 Chamber

ARM & SHOULDER SLEEVE



4 Chamber Arm & Shoulder Sleeve Size and Part Number

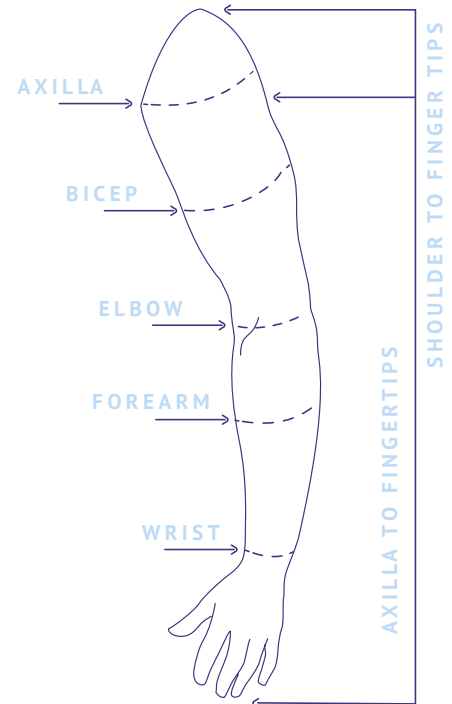
Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
GS-3035-SH/S	Small	23.5"	22"	19.5"	17.5"	15"	24"	26.5"+8"
GS-3035-SH/M	Medium	27"	26"	24"	21"	18"	28"	31"+8"
GS-3035-SH/L	Large	25.5"	24"	21.5"	19"	16"	31"	35.5"+8"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
GS-3035-SH/S	Small	60	56	49	44	38	61	67 +20
GS-3035-SH/M	Medium	69	66	61	53	46	71	79 +20
GS-3035-SH/L	Large	65	61	55	48	41	79	90 +20

Supply Item: E0668



U P P E R E X T R E M I T Y G A R M E N T S



Bio Compression Systems
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8 Chamber

ARM SLEEVE

UPPER EXTREMITY GARMENTS



8 Chamber Arm Sleeve Size and Part Number

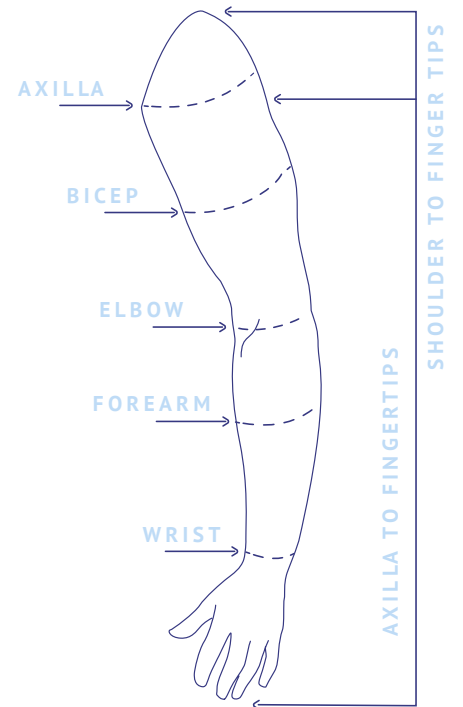
Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
G8-3035-S	Small	23.5"	22"	19.5"	17.5"	15"	24"	26.5"
G8-3035-M	Medium	27"	26"	24"	21"	18"	28"	31"
G8-3035-L	Large	25.5"	24"	21.5"	19"	16"	31"	35.5"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
G8-3035-S	Small	60	56	49	44	38	61	67
G8-3035-M	Medium	69	66	61	53	46	71	79
G8-3035-L	Large	65	61	55	48	41	79	90

Supply Item: E0668



8 Chamber

ARM & SHOULDER SLEEVE



8 Chamber Arm & Shoulder Sleeve Size and Part Number

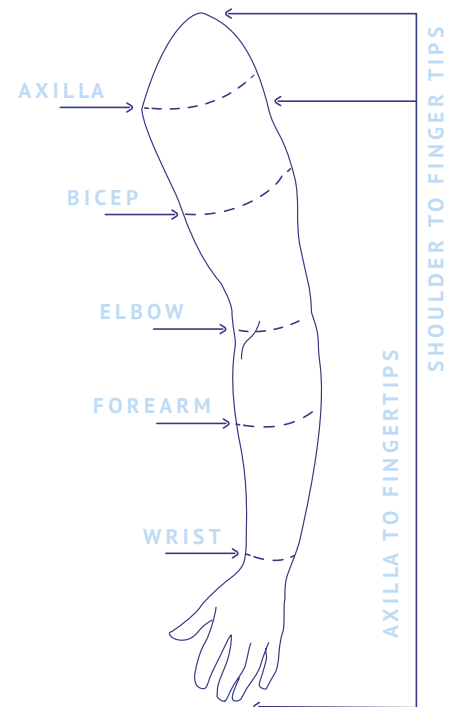
Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
G8-3035-SH/S	Small	23.5"	22"	19.5"	17.5"	15"	24"	26.5"+8"
G8-3035-SH/M	Medium	27"	26"	24"	21"	18"	28"	31"+8"
G8-3035-SH/L	Large	25.5"	24"	21.5"	19"	16"	31"	35.5"+8"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Circumferences					Lengths	
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips
G8-3035-SH/S	Small	60	56	49	44	38	61	67 +20
G8-3035-SH/M	Medium	69	66	61	53	46	71	79 +20
G8-3035-SH/L	Large	65	61	55	48	41	79	90 +20

Supply Item: E0668



UPPER EXTREMITY GARMENTS



Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

4 Chamber

For those patients who have truncal swelling that does not involve inflammation of the arms, our 4 Chamber Bio Vest is the ideal garment for treatment. Fully adjustable with 6 hook and loop straps, pressure begins around the shoulder and neck area and slowly moves down the front side of the torso for effective lymphatic drainage in areas formerly difficult to treat.

Supply Item: E0657



Part Number: GV-3000

16 Chamber

ELITE-16-CHAMBER BILATERAL BIO VEST



Part Number: GV-3010-S-2/M-2/L-2

Continuing the quest to meet the needs of all patients with arm and chest lymphedema, our 16 chamber bilateral arm and vest garment is an all-in-one garment that provides tissue fluid movement from both arms and chest. A simple hook and loop adjustment in the back during the initial fitting and a zippered front for donning thereafter provides ease of use. The unique design of this garment insures a proper fit that lends to no migration while in use. When used with the Bio Compression SC-3008-DL (E0652) Device, compression in any chamber of the garment can be adjusted for comfort and effectiveness.

Supply Items
E0657 – Chest
E0668 – Arm

8 Chamber

ELITE-8-CHAMBER BIO VEST

V
E
S
T
G
A
R
M
E
N
T
S



This 8 chambered all-in-one sleeve provides tissue fluid movement from the arm all the way to the thoracic duct. With a chamber located directly at the axillary area, scar tissue and axillary nodes are effectively addressed. Chest edema is not a problem with the Elite-8 Vest. If the thoracic duct is blocked and/or not draining adequately, fluids will be redirected in a downward motion thereby creating new channels. This process, called lymphangiogenesis, is the magic performed by this garment and the ultimate goal for tissue fluid movement. Donning the garment is simple and the initial adjustable fitting insures a proper fit every time with no migration while in use.

Indications for Use:

Primary/Congenital Lymphedema

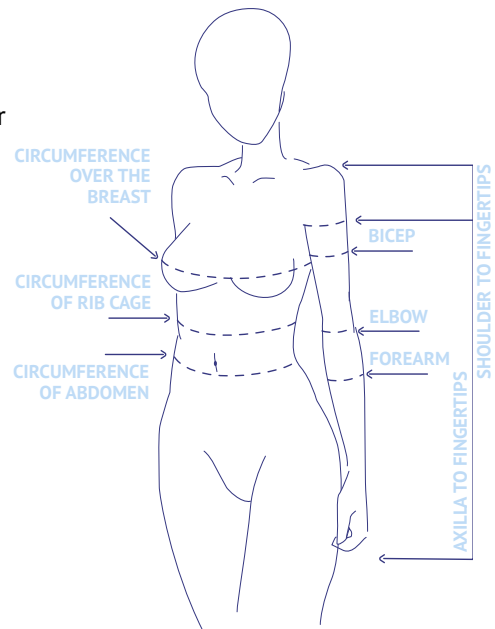
- Milroys
- Praecox
- Tarda

Secondary Lymphedema:

- Lymph Node Dissection
- Lymph Node Obstructions
- Surgical Damage to the Lymph Vessels and/or nodes
- Radiation Therapy
- Trauma

Key Features:

- Axilla Compression
- Chest Compression
- Triple Action Fluid Movement:
 - Axilla
 - Thoracic Duct
 - Directional Flow
- Adjustable fit with no migration
- Easy Donning and Doffing



Upper Extremity/8 Chamber Garment Sizing Chart

Measurements below are in Inches and are the maximum allotted point on limb										Measurements below are in Centimeters and are the maximum allotted point on limb								
Part Number	Size	Circumferences					Lengths			Thorax (Adjustable)	Circumferences					Lengths		
		Axilla	Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips	Axilla		Bicep	Elbow	Forearm	Wrist	Axilla to Fingertips	Shoulder to Fingertips	Thorax (Adjustable)	
GV-3010-S-L	Small Left	25"	23.5"	21"	20"	19"	25.5"	29.5"	28" to 55"	63	60	53	51	48	65	75	71 to 140	
GV-3010-S-R	Small Right	25"	23.5"	21"	20"	19"	25.5"	29.5"	28" to 55"	63	60	53	51	48	65	75	71 to 140	
GV-3010-M-L	Medium Left	25"	23.5"	21"	20"	19"	28"	32"	28" to 55"	63	60	53	51	48	71	81	71 to 140	
GV-3010-M-R	Medium Right	25"	23.5"	21"	20"	19"	28"	32"	28" to 55"	63	60	53	51	48	71	81	71 to 140	
GV-3010-L-L	Large Left	25"	23.5"	21"	20"	19"	31"	35"	28" to 55"	63	60	53	51	48	79	89	71 to 140	
GV-3010-L-R	Large Right	25"	23.5"	21"	20"	19"	31"	35"	28" to 55"	63	60	53	51	48	79	89	71 to 140	

Supply Items:

E0657 – Chest

E0668 – Arm



Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

16 Chamber

BIO PANTS

PANTS & ABDOMINAL GARMENTS



This 16 chamber all-in-one pant offers a unique design covering the entire lower body. The garment addresses not only lower extremities but the difficult to treat areas of the groin, buttocks and abdomen. This garment is designed to direct fluid movement from the foot all the way to the inguinal nodes and thoracic duct for drainage while also creating new channels. Sizing is not a problem with our pants as each patient is custom-fitted to ensure that an ideal treatment is delivered each and every time. With two front zippers and easy to use pull-up straps, this garment is simple to don and doff for every patient. The Bio Pants provide the best possible solution for the most difficult conditions.

Benefits:

- Reduces Pain
- Improves Lymphatic and Vascular Flow
- Promotes Wound Healing
- Prevents Infection
- Provides Effective Prophylaxis for Venous Thrombosis
- Reduces Dynamic Edema

Secondary Lymphedema:

- Lymph Node Dissection
- Lymph Node Obstructions
- Surgical Damage to the Lymph Vessels and/or Nodes
- Radiation Therapy
- Trauma

Key Features:

- Full Lower Body Coverage
- Bilateral Legs
- Groin
- Buttocks
- Abdomen
- Custom Fit
- Comfortable Foot Design
- Easy to Don and Doff
- Directional Tissue Fluid Movement

Supply Items:
E0656 – Trunk
E0667 – Leg

Bio Pants Standard Sizing Chart

Measurements below are in **Inches** and are the maximum allotted point on limb

Part Number	Size	Circumferences							Lengths				
		Upper Abdomen	Lower Abdomen	Groin	Mid thigh	Knee	Mid Calf	Ankle	Foot/Instep	Abdomen (GT)	Full Leg (AG)	Lower Leg (AD)	Foot
GBA-3045-S-2	Small	44"	44"	30"	29"	28"	25"	21"	20"	15"	29"	18"	12"
GBA-3045-M-2	Medium	44"	44"	31"	30"	29"	26"	22"	20"	16"	32"	20"	12"
GBA-3045-L-2	Large	48"	48"	35"	34"	32"	29"	24"	20"	18"	35"	22"	12"

Measurements below are in **Centimeters** and are the maximum allotted point on limb

Part Number	Size	Circumferences							Lengths				
		Upper Abdomen	Lower Abdomen	Groin	Mid thigh	Knee	Mid Calf	Ankle	Foot/Instep	Abdomen (GT)	Full Leg (AG)	Lower Leg (AD)	Foot
GBA-3045-S-2	Small	112	112	76	74	71	63	53	51	38	74	46	30
GBA-3045-M-2	Medium	112	112	79	76	74	66	56	51	41	81	51	30
GBA-3045-L-2	Large	122	122	89	86	81	74	61	51	46	89	56	30

8 Chamber

BIO ABDOMINAL

PANTS & ABDOMINAL GARMENTS



For the unilateral patient that has genital or abdominal swelling, our Bio Abdominal sleeve is the perfect solution for treatment. This 8 chamber garment helps overcome compromised lymphatic passages by moving fluid toward regional nodes for subsequent excretion. Compression is delivered from the foot to the inguinal crease through 7 chambers in the leg, and then massages the abdomen through a specially developed larger chamber that wraps around the waist. This garment is side-specific and is offered in three different standard sizes as well as custom-fit.

Benefits:

- Reduces Pain
- Improves Lymphatic and Vascular Flow
- Promotes Wound Healing
- Prevents Infection
- Provides Effective Prophylaxis for Venous Thrombosis
- Reduces Dynamic Edema

Secondary Lymphedema:

- Lymph Node Dissection
- Lymph Node Obstructions
- Surgical Damage to the Lymph Vessels and/or Nodes
- Radiation Therapy
- Trauma

Key Features:

- Lower Body Coverage
 - Unilateral Legs
 - Buttocks
 - Abdomen
- Comfortable Foot Design
- Easy to Don and Doff
- Directional Tissue Fluid Movement

Supply Items:

- E0656 – Trunk
- E0667 – Leg

Bio Abdominal Sizing Chart

Part Number	Size	Inches		Centimeters	
		Trunk Size Circumference	Full Leg Length	Trunk Size Circumference	Full Leg Length
GBA-3045-S-L	Small Left	27" to 58"	27"	66 to 147	66
GBA-3045-S-R	Small Right	27" to 58"	27"	66 to 147	66
GBA-3045-M-L	Medium Left	27" to 58"	32"	66 to 147	81
GBA-3045-M-R	Medium Right	27" to 58"	32"	66 to 147	81
GBA-3045-L-L	Large Left	27" to 58"	36"	66 to 147	91
GBA-3045-L-R	Large Right	27" to 58"	36"	66 to 147	91



#1 in Compression Therapy

Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

Custom Sleeves

Despite having the greatest selection of garments in the Pneumatic Compression Device industry, there will always be a patient who requires something special. Knowing that our goal is to treat 100% of the patients requiring our products, Bio Compression Systems manufactures custom garments once a week all year long. By filling out our custom order forms with the unique characteristics of your patient, we are able to treat patients with extreme swelling, very tall dimensions, and those who have lost limbs throughout life. No other manufacturer can accomplish what we do, and we get it done in under 10 days.



Measuring and drawing out the pattern based on your patients' unique measurements



Sizing the material to the pattern



Transferring the pattern to the material



Cutting the material to size



Installing the baffles and connection ports



Custom fitting the RF sealing welds.



Hand sewing the zippers and binding

Made to Order

C
U
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M
G
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M
E
N
T
S



Custom arm sleeve



Custom leg sleeve



Custom amputee sleeve



Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

IC-BAP-DL

BIO ARTERIAL PLUS

ARTERIAL BLOOD FLOW ENHANCEMENT

The IC-BAP-DL is a complete Arterial Blood Flow Enhancement System with an Intermittent, Pneumatic High Pressure, Rapid Inflation/Deflation Cycle Compression System that sequentially compresses both the foot and calf in patients suffering primarily from Peripheral Arterial Disease (PAD).

Indications for Use:

An adjunct therapy for patient with:

- Ischemic disease of the lower extremities
- Amputations (minor)
- Angioplasty/Stent failure
- Arteriopathic Wounds
- Graft Failure
- Intermittent Claudication
- Rest pain, Night Pain
- Small vessel disease



Supply Item: E0675



Model No. IC-BAP-DL

Key Features:

- In-home use
- Continuous or 1 hour treatment
- User friendly, adjustable pressure
- Compliance meter allowing therapist and/or physician to monitor patient use

Specifications:

Dimensions: 5.5" x 12" x 8"

14cm x 30 cm x 20 cm

Weight: 7.5 lbs

3.4 kg

Compression Time: 5 seconds

Non-Compression: 15 seconds

Delay: Between Foot & Calf: 1 second

Cycle: 20 seconds

Pressure Range: 10 - 150 mmHg

Bio Arterial Garment Sizing Chart

Measurements below are in Inches and are the maximum allotted point on limb					Measurements below are in Centimeters and are the maximum allotted point on limb				
		Circumferences			Lengths	Circumferences			Lengths
Part Number	Size	Arch (Instep)	Mid Calf	Upper Calf	Upper Calf (Adjustable)	Arch (Instep)	Mid Calf	Upper Calf	Upper Calf (Adjustable)
APGN-3045-FC	Narrow	5" - 10"	6.5" - 15"	7.5" - 17.5"	30.4" to 54.4"	13 - 25	16 - 38	19 - 44	77 to 138
APG-3045-FC	Standard	8" - 12.5"	9.5" - 18"	10.5" - 20.5"	30.4" to 54.4"	20 - 32	24 - 46	27 - 52	77 to 138
APGW-3045-FC	Wide	8" - 14.5"	11" - 25"	12" - 27.5"	30.4" to 54.4"	20 - 37	28 - 63	30 - 70	77 to 138

Vascu•Ease

IC-1200-WH PORTABLE DVT SYSTEM

VASCU•EASE PORTABLE DVT SYSTEM



Our unique supply and return system allows you to get your VascuEase pumps back with limited effort.



Caring for the environment is important to all of us, so Bio Compression Systems went one step further in developing the VascuEase system. While most portable DVT systems are completely discarded after use, the VascuEase pumps are removable and can be attached to a new set of sleeves in a matter of seconds. Disposable garments can be purchased separately to get the most out of every device purchased.

After patient is ambulatory and the risks of DVT have ended, dispose of sleeves and return the pumps and charger to your local DME with the supplied tray and return box.

DVT Prophylaxis has become one of the most important standards of care for non-ambulatory patients both in the hospital setting and at home. The VascuEase Portable DVT System by Bio Compression Systems brings a new level of innovation to the pneumatic compression device category. Our tube free solution comes complete with a fully integrated lithium ion battery that supplies over 20 hours of treatment on a single charge, assuring that patients can be transported easily from the hospital to their homes. And with one size fits all sleeves that can be replaced in a matter of seconds, our VascuEase pumps can be reused time and time again.

Key Features:

- One button operation
- Compact and fully portable
- No cumbersome tubes
- Sealed re-chargeable battery
- Compliance Meter
- Soft-touch, washable, breathable sleeve
- Adjustable grip strip for a perfect fit

Each kit contains:

- 2 VascuEase Pumps
- One Set of Sleeves
- A Charger
- A Return Box
- User Manual

Supply item: E0676

CONTRAINDICATIONS

Any local condition of the extremity that would interfere with its application including, but not limited to:

- Dermatitis
- Immediately following vein ligation
- Gangrene
- Skin grafts
- Casts or splints
- Severe arteriosclerosis or other ischemic vascular diseases
- Pulmonary edema
- Congestive heart failure
- Suspicion or confirmation of the presence of DVT
- Infections of the limb, including cellulitis without appropriate antibiotic coverage for at least 72 hours prior to treatment
- Presence of lymphangiosarcoma
- Inflammatory phlebitis or episodes of pulmonary embolism

TECHNICAL DATA/SPECIFICATIONS:

MAIN UNIT:
Dimensions: 2.7" x 5.10" (69mm x 130mm)
Weight: Approx 0.5 lbs (0.277 kg)
Mode of Operation: Cyclic
Source of Power: 3.7 volt Li-ion battery pack (made up of 1 - 3.7 volt cell)

CAUTION: Charge batteries using only the power source provided by Bio Compression Systems.

POWER SUPPLY: Class II, input: 100-240 Vac, 50-60 Hz, output: 5 Vdc @ 3 Amp
Use only UL/60601-1 approved power supplied from Bio Compression Systems for use in hospital settings.
Pressure Range: 50 mmHg



Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

IC-1545-DL MULTI-FLO DVT COMBO

The IC-1545-DL Multi-FLO DVT Combo system has been designed to allow patients the freedom to provide DVT Prophylaxis as well as the reduction of acute post-operative edema in the hospital or the comfort of their own homes.

The Multi-FLO DVT Combo offers three types of therapy:

Bilateral Calf or Calf & Thigh

- Intended for prophylaxis of deep vein thrombosis

Bilateral Foot

- Intended for prophylaxis of deep vein thrombosis
- Enhancement of venous and arterial circulation
- Prevention of venous stasis ulcers
- Assist in healing of cutaneous ulcers

Post-Operative Cold Compression

- Intended to help reduce pain and swelling after surgery
- Enhances faster healing and tissue regeneration required by the body



Bilateral Calf

GID-3045-K



Model No. IC-1545-DL

Key Features:

- Hospital or In-home use
- Adjustable Pressure
- Built in Compliance Meter allowing therapist and/or physician to monitor patient use
- Fully portable system
- Designed for easy use

Specifications:

Dimensions: 6.25" x 8" x 8.25"
16cm x 20 cm x 21 cm
Weight: 4.55 lb
2,06 kg

Cycle times

Bilateral calf mode (50 mmHg)
Inflation / hold: 13-17 seconds
Deflation / rest: 43-47 seconds
Cycle time: 60 seconds

Bilateral foot mode (120 mmHg)
Inflation/hold: 5-7 seconds
Deflation/rest: 53-55 seconds
Cycle time: 60 seconds

Supply Item: E0676

DVT Treatment

GARMENTS

DVT TREATMENT GARMENTS



Bilateral Calf & Thigh

GID-3045-T



Bilateral Foot

GI-3045-F

DVT Garments

Calf and Calf & Thigh

- Our DVT Calf garment offers full compression around the entire leg
- Single Patient Use
- One Size Fits All

Foot

- Our DVT Foot garment provides compression on the entire foot
- Garment is very flexible and accommodates all foot sizes
- Easy to clean



Bilateral Calf & Cryo Knee

GID-3045-K (Calf) / GC1-3045-K (Cryo Knee)

Cryo Cold Therapy Garments

The IC-1545-DL Multi-Flo-DVT Combo has an optional third port that, when engaged, delivers 35 mmHg pressure to one of our specialty cryo garments. Each sleeve delivers compression through a single chamber of air and also comes complete with a removable gel pack for more efficient freezer storage. Standard garments are available in ankle, knee, and shoulder versions. Custom Cryo Cold Therapy Garments are available upon request.

Contraindications:

Use of this device is contraindicated for patients with the following conditions:

- Any local condition of the extremity that would interfere with its application, including, but not limited to:
 - Dermatitis
 - Immediately following vein ligation
 - Gangrene
 - Skin grafts
 - Casts or splints
 - Severe arteriosclerosis or other ischemic vascular disease
 - Pulmonary edema
 - Congestive heart failure
 - Suspicion or confirmation of the presence of existing DVT
- Infections of the limb, including cellulitis without appropriate antibiotic coverage for at least 72 hours prior to treatment
- Presence of lymphangiosarcoma
- Inflammatory phlebitis or episodes of pulmonary embolism



Cryo Shoulder

GC1-3035-SH



Cryo Ankle

GC1-3045-A



Bio Compression Systems
120 West Commercial Avenue
Moonachie, NJ 07074

Cold Compression

BIOCRYO COLD COMPRESSION SYSTEM

Cold Compression Therapy from the #1 Compression Device Maker

Our cold compression therapy system combines active cold and sequential compression therapies to provide maximum power to manage pain, reduce inflammation, and speed healing for a wide variety of ailments. BioCryo technology stimulates tissue repair by enhancing lymphatic function, removing edema from the injury site, and encouraging oxygenated blood flow to the site, leading to a faster recovery. Get back in action with BioCryo from Bio Compression Systems, the leading manufacturer of Pneumatic Compression Devices.

How Does the BioCryo System Work?

1. The BioCryo starts with sequential compression that massages the tissue to move fluids through and out of the injured area or surgical site.

2. The BioCryo combines this massaging action with the convenient BioCryo gel pack insert which conforms to the body for maximum surface contact, pulling heat away from the injury site while reducing inflammation and pain.



What are the BioCryo Advantages?

- Convenient cold gel pack insert eliminates the need for ice and water
- 4 sequential chambers of cold compression therapy is more effective than single chamber devices
- Pain management without the use of narcotics helps patients reduce their need for prescription medication
- Increased patient compliance - easy to use and comfortable to wear
- Shorten post surgical recovery time
- Light weight and portable, the BioCryo is easy to carry and set up
- Gel packs store conveniently in the freezer and stay ice cold for hours of use
- Unilateral and/or Bilateral functionality
- Wide selection of sleeves including latex free custom garments for unique sizing
- Medically proven results to prevent infection and relieve swelling, soreness, and fatigue



Specifications:

Dimensions: 5.5" x 8" x 12"
14 cm x 20 cm x 30 cm
Weight: 4.55 lb
2,06 kg
Pressure Range: 0-80 mmHg
Cycle time: 60 Seconds

Model No. SC-2004-C

BIOCRYO COLD COMPRESSION THERAPY SYSTEM

Therapy System

The BioCryo Gel Insert

Our BioCryo gel inserts are latex free and made of high quality 200 Denier coated oxford nylon fabric with a 3 mil polyurethane coating. These uniquely designed inserts flex and conform to any extremity, delivering cold compression without having to add or pump ice water to the garment. These inserts are to be used inside our standard, adjustable, and custom garments.

The BioCryo gel insert easily attaches to all compression sleeves



BioCryo Gel Insert CP-S/M/L



BioCryo Shoulder
GC-3035-SH-C



BioCryo Back
GC-3035-B



BioCryo Arm & Shoulder
GC-3035-SH



BioCryo Hand/Wrist
GC-3035-H-W



BioCryo Knee
GC-3045-KC



BioCryo Elbow
GC-3035-EC



BioCryo Ankle
GC-3045-A



BioCryo Full Arm
GC-3035-L

Contraindications:

Use of this device is contraindicated for patients with the following conditions:

- Congestive heart failure
- Deep Vein Thrombosis
- Inflammatory Phlebitis or episodes of Pulmonary Embolism
- Infections in the limb, including cellulitis without appropriate antibiotic coverage
- Presence of cancer unless for palliative care
- Cold Urticaria
- Cold Erythema
- Cold Hemoglobinuria
- Other indications as identified by the treating physician

BIOCRYO COLD COMPRESSION SYSTEM



Bio Compression Systems
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Moonachie, NJ 07074



Because every patient deserves the best possible treatment.

Bio Compression Systems
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