

SEQUENTIAL LIMB COMPRESSION FOR LYMPHEDEMA, WOUND CARE AND VENOUS INSUFFICIENCY



multiPULSE™ 500



Other features: chamber bypass to avoid compression over painful areas, bilateral outlets allowing use of two garments simultaneously, and built-in system alarms to alert the patient of potential faults.

The Talley MULTICOM™ arm and leg garments come in a range of sizes and are manufactured in a durable washable material on the outside, and soft brushed fabric on the inside against the skin. Garments come with fully assembled hoses and locking plug for positive connection to the pump unit. Leg garments also feature an inflatable sole section to insure proper fluid evacuation from the foot.

The MULTIPULSE™ 500 pump is small and quiet, allowing the user to relax and read or watch television during use.



External pneumatic compression has been shown to be effective for non-invasive treatment of lymphedema, venous insufficiency, and some chronic non-healing wounds and ulcers.

The MULTIPULSE™ 500 represents the pinnacle of technology in external pneumatic compression therapy. This compact unit is loaded with unique advanced features:-

- Adjustable pressure ranges (30-120mmHg)
- Adjustable cycle times (6 to 80 seconds per chamber)
- Programmable therapy session times (10-120 minutes)
- Fixed or adjustable gradiency
- Up to 9 individual treatment modes

Talley Medical's unique peristaltic wave action mimics one of the body's natural functions and operates by always having one pressurized chamber holding behind the inflating chamber to keep fluid moving proximally and to avoid reflux. Only two or three of the five chambers are pressurized at any one time during the cycle, allowing higher localized pressure to be applied than other sequential compression systems. This results in greater fluid transfer with increased patient comfort.

Specifications

| | |
|---------------------|---------------------|
| Electricity supply: | 10v ± 10% 60Hz |
| Consumption: | 8 Watts |
| Fuse rating: | 500mA |
| Weight: | 7.5 lb |
| Dimensions: | 12.2" x 9.2" x 5.6" |
| Pressure range: | 30 - 120mmHg |
| Cycle time: | 30 - 400 seconds |

Contraindications

Acute pulmonary edema, acute thrombophlebitis, acute congestive cardiac failure, deep vein thrombosis, acute infections. Always seek professional medical advice before using any of these products.

Talley Medical products are manufactured to comply with BSI, IEC, UL, CSA and other European safety standards. Talley Medical design and manufacture products to ISO9001, EN46001 and ISO13485 standards, and comply with Medical Directive (93/42/EEC). Every care has been taken to ensure that the information contained in this brochure was correct at the time of going to press. However, Talley Medical reserves the right to modify the specification of any product without prior notice in line with a policy of continual product development. Our standard terms and conditions apply. © Talley Group Limited 2003. All rights reserved.



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GARMENT SIZING CHART

| Leg Garments (Length) | Inseam** | Ankle | Knee | Thigh |
|----------------------------------|----------|-----------------|--------|--------|
| | | (circumference) | | |
| 560S* Small | 27" | 18" | 21" | 25" |
| 560M* Medium | 29" | 20" | 21" | 31" |
| 560M EP M. Expandable | 29" | 20-30" | 21-31" | 31-41" |
| 560L Large | 33" | 20" | 25" | 38" |
| 560L EP L. Expandable | 33" | 20-30" | 25-35" | 38-48" |
| 560XL X-Large | 35" | 20" | 26" | 41" |
| 560XL EP XL Expandable | 35" | 20-30" | 26-36" | 41-51" |
| 590* Half Leg | 21" | 19" | 25" | -- |
| 590XL Half Leg XL | 21" | 23" | 33" | -- |

**Inseam is measured from heel to top of garment
 * 8" Zip-in Expanders are available for 590, 560S and 560M Custom Garments also available

| Arm Garments | Length | Wrist | Forearm | Axilla |
|------------------------|--------|-----------------|---------|--------|
| | | (circumference) | | |
| 570M Medium | 27" | 18" | 21" | 24" |
| 570L Large | 29" | 19" | 22" | 25" |
| 580 Half Arm | 20" | 12" | 20" | -- |

| FEATURES | BENEFITS |
|---|--|
| Built-in Therapy Timer | Clinician/physician has control over therapy duration, "Auto Shut Off" helps reduce the risk of over-compression |
| Fully Programmable and Adjustable Compression Settings | Clinician/physician has full control over compression settings to meet the varying needs of the patients |
| Unique Peristaltic Compression Action | Wave-like compression mimics natural body function, reduced discomfort, better fluid movement, increased patient compliance |
| Chamber Bypass | Avoid or reduce compression over painful areas, chronic wound or surgical sites |
| Programmable Calibrated or Automatic Gradient Pressure Delivery | Clinician/physician has full control over gradient pressures Gradient pressure mimics body's natural distal-proximal physiology |
| Multiple Size / Expandable Leg and Arm Garments Lined with Soft Breathable Material | Precise fit, Cooler and more comfortable and Increased patient comfort |
| Durable Pump and Garments | Long lasting, high-quality product Easily wiped-down/washed to maintain cleanliness |
| Full Range of Safety Features | Confidence and security for staff and patients |
| Digital Pump Interface, Menu Driven Settings | Reduced risk of non-clinician tampering of programmed settings |
| Unilateral or Bilateral Application, Self-Sealing Pump Ports | No blanking caps to lose, attach single garment to either port |



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