

DVT PUMP

USER MANUAL



Western Surgical
AN ISO 9001 : 2008 CERTIFIED COMPANY

www.westernsurgical.in Email : westernsurgical@gmail.com
Email : info@westernsurgical.in Ph. : +91-281-2232871 / 2243159

Intermittent Pneumatic Compression

User Manual



SAFETY INSTRUCTIONS:

Read all of these instructions and save them for later reference. Follow all warnings and instructions marked on the devices.

- These units must only be operated by qualified medical staff. Operation of these units by any other person is entirely responsible for that person.
- This manual must be read and fully understood before these units are applied to patients.
- Equipment not suitable for use in the presence of Flammable Anesthetic mixture with air or with oxygen or nitrous oxide.
- Unplug the pumps before cleaning. Only ever use a damp cloth. Do not spill liquid onto the pump .
- Always place pumps on a flat, stable surface before operation. The pumps will not operate properly if tilted or at an angle.
- Do not cover the pumps whilst in operation.
- Use only the type of power source indicated on the pump's rear label.
- Do not use a damaged or frayed power cord.
- Unplug the pumps and refer servicing to qualified personnel under the following conditions:-

- ◇ If the power cord or plug is damaged.
- ◇ If liquid has entered the pumps.
- ◇ If the plastic outer enclosure is damaged.
- ◇ If the pump is not operating normally, continuous running, noisy running or low performance.

- Always switch off the pump before unzipping the garments.

* Carrying Warranty at Rajkot Office only on site warranty not provided free of cost.

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The Electromagnetic radiation of this machine meets IEC60601-1-2 EMC regulations, Please do not use it in the strong Electromagnetic radiation, and maintain at least 40 cm distance from cardiac pacemaker when using.

When plug the power code or unplug power code, please ensure enough space around the socket ,no any obstacle for plug and unplug the power code. can unplug the power code in a short time when emergency happens.

a warning statement addressing HAZARDS that can result from unauthorized modification of ME EQUIPMENT according to following examples:

- ◇ No modification of this equipment is allowed
- ◇ Do not modify this equipment without authorization of the manufacturer
- ◇ If this equipment is modified, appropriate inspection and testing must be conducted to ensure continued safe use of equipment

Operation conditions:

Ambient temperature: 10C°~40C°
Relative humidity range: 20% ~ 90%
Atmospheric pressure: 86KPa~ 106KPa

Storage condition:

Ambient temperature: -10C°~50C°
Relative humidity range: 10% ~ 95%
Atmospheric pressure: 86KPa~ 106KPa

PT-1001

IPC Characteristics

Pump Specification:

Size:260X70X30mm(L X W X H)
Item weight:2.5kgs
Power consumption: 30W
Input voltage:220V~ 50HZ
Pressure range :20-250mmhg
Treating time:10- 30 mins
1 Mode only

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Pressure range



Power ON/OFF

treating time
10-30 mins

PT-1002

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Power consumption: 30W

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Pressure range :20-250mmhg

Treating time:10.20.30 mins

Garment Size(standard size is model with *) :

Ref	Description	L	W
W-1001*	Waist cuff	120cm	40cm
A-1001S	Arm cuff	70cm	25cm
A-1001L	Arm cuff	90cm	25cm
L-1001 S*	Leg cuff	90cm	30cm
L-1001L	Leg cuff	110cm	30cm
T-1001	Trousers cuff	137cm	130cm

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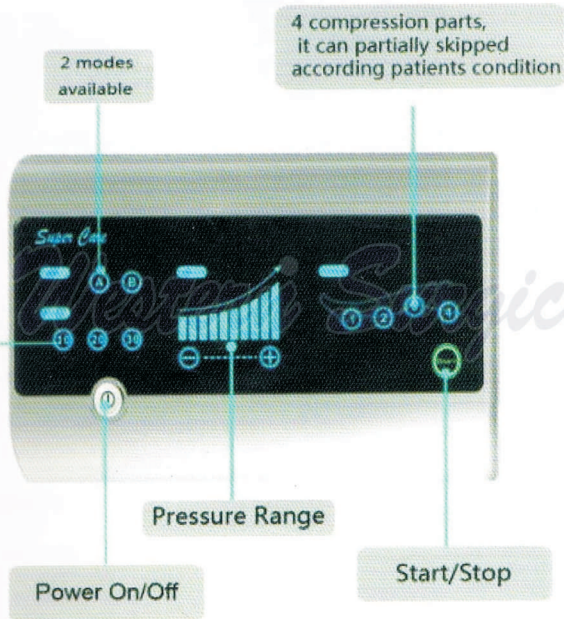


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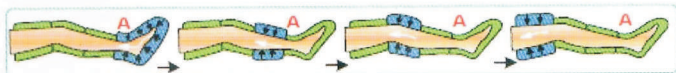
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Explanation for touch key:

2 mode:

2.1 Mode A for healthcare:



It is inflated one section, then deflated this section, then inflate next section.

2.2 Mode B for therapy:



It is inflated one by one section, after 4 chambers are inflated, all deflated.

3 kinds of treating time: the patients can choose 10.20.30 mins as the treating time according to their own conditions.

Power ON/OFF: means standby status

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Start/Stop: put this key, patient can start or stop the treatment.

Pressure range: there are 10 kind of pressure, "+" for adjusting pressure, after pushing "+", the pressure will be increased, after pushing "-", the pressure will be decreased.

4 compression parts: 1.2.3.4 each figure represent 4 chambers. when seeing the light in these figures, it will inflate.

Waist Cuff:

Waist Pressure



Arm cuff :

arm Pressure



Leg Cuff:

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Leg Pressure



1. Friendly medical class material TPU used
2. high perspiration absorption to maintain freshness
3. Gentle to skin
4. safe attachment design to prevent body from scratching

Guidelines For Use

1. Connect the mains lead to the IEC power inlet socket. Insert the mains plug of the lead into a standard 220 V mains socket.
2. Fit the air feed hose(s) to the air outlets, as described above. Ensure that all connections to the pump and garment make a good seal.
3. Place / fit the garment(s) onto the limb(s) requiring treatment.
4. Turn the unit on. A visual mains indicator will illuminate.
5. Select the required pressure using the pressure control.
6. Set up the inflate and deflate times as required.
7. Note the time of the treatment starts so that the unit can be switched off when the desired time has elapsed.
8. DO NOT unzip the garment when the unit is switched on. This may cause damage to the garment. Always turn off the power before unzipping the garment.
9. Extra comfort can be obtained by first placing a length of tubular bandage on the limb under the pressure garment.

Maintenance and Cleaning

PUMP

Before cleaning the pump unit, always ensure it has been disconnected from the mains power supply. Clean the unit with a light detergent, ensuring that only a damp, and not wet, cloth is used. If in doubt as to the action of the detergent, try cleaning the underside of the unit first, where damage will be unseen. There are no service items which need replacing or cleaning out on a regular basis.

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GARMENT

The garments can be sponged with a detergent. Allow to dry fully before use.
DO NOT FORCE DRY.

In the event of heavy soiling the garments can be machine washed. See wash label.
Always insert the air entry blanking plug, to prevent water ingress, and turn the garment inside out prior to machine washing.

Field of Application:

Indications

Venous post phlebotic syndrome , varicose veins, varicosities of pregnancy ,stasis dermatitis, leg ulcers.

Wound recovery Venous ligation or stripping , hand surgery, total knee replacement.

D.V.T For prevention of deep vein thrombosis.

Arterial Raynaud's disease , arteriosclerosis , acro cyanosis, blue leg.

Edema Gravitational , lymphatic , post mastectomy, inguinal lymph adenectomy, after cast removal, rheumatoid , multiple sclerosis.

Flexion Chronic , injury ,burns and skin graft.

Contractures

Technical Specification:

Power source 220V AC

Frequency 50Hz

Internal Fuse T2A



Read instructions prior to using equipment.



Type BF



II class

Caution

Equipment not suitable for use in the presence of Flammable Anesthetic mixture with air or oxygen or nitrous oxide.



cannot be washed by machine.

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7.3 WARRANTY CERTIFICATE

western surgical product is warranted to be free from electrical and mechanical defects in material and workmanship, under normal use. The western surgical product must not have been moved from the site of original installation. A new or remanufactured part to replace the defective part will be provided without charge for the part itself, through an authorized western surgical service dealer. The replacement part assumes the unused portion of the warranty.

WESTERN SURGICAL WILL NOT BE RESPONSIBLE FOR:

1. Damage or repairs required as a consequence of faulty installation or application by others.
2. Damage or repairs needed as a consequence of any misapplication, negligent handling, improper servicing, unauthorized alteration, or improper operations.
3. Failure to start due to voltage conditions, blown fuses, open circuit breakers or other damages due to the inadequacy or interruption of electrical service.
4. Damage as a result of floods, winds, fires, lightning, accidents, corrosive atmosphere, or other conditions beyond the control of western surgical
5. Parts not supplied or designated by western surgical.

Date of Installation	Installed By
Model No.	Serial No.
Warranty Period	
Name of Doctor & Address :	

Customer Sign. With Stamps

Marketed By: Western Surgical
Sign. With Stamps

No Claim Warranty :

- 1) Any Defect Throughout Power Supply
- 2) Any Physical Damage

3) Under Warranty Standby Unit Not Provide

4) Under Warranty When Company Send Parts or Machine we Imidiat send to Buyer.

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Date : 22-9-2016

OUR OTHER PRODUCTS RANGE



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Western[®] Surgical

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"Happy Home", 1st Floor, 23, Karanpara,
B/h. S.T. Bus Stand, Kanak Road,
Rajkot-360 001. Ph. : +91 281-2232871/2243159
Mo. : +91 98250 69069 - +91 98250 45997
Email : westersurgical@gmail.com
Email : info@westersurgical.in

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