





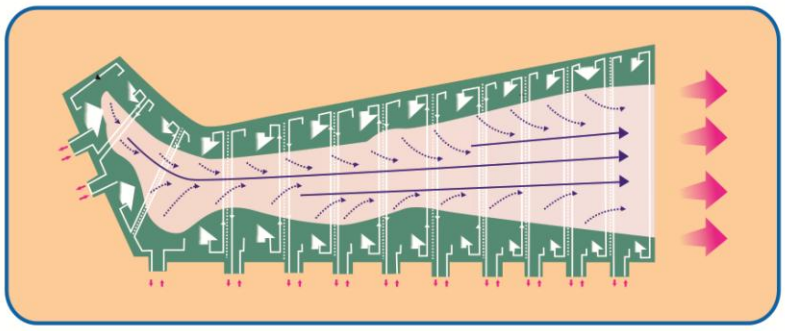




Intermittent pneumatic compression device working diagrammatic sketch

Intermittent pneumatic compression device, also called air wave pressure therapeutic equipment.The operator can start the multi cavity gas bag with ordered and repeated inflation and deflation to form circulation pressure for limb, limb will be pressed from remote end to proximal end with ordered uniformity, for doing this, it can help blood and lymph flowing and improve microcirculation, and accelerate tissue fluids reflux.

With the acceleration of blood circulation, the body can accelerate blood metabolism and absorb inflammatory factor and pain factor, we can prevent muscle atrophy and fibrosis, and strengthen oxygen content of limb. Intermittent pneumatic compression device can help the patients to solve the illness due to disturbance of blood circulation (head of femur necrosis etc.),and prevent deep veinthrombosis and limb edema. This device can cure a wide range of diseases with blood and lymph circulation.



Diagrammatic Sketch

Treatment

High and low limb lymph hydrops, stump swelling after amputation, prevention deep vein thrombosis, phlebeurysma, limb paralysis ,limb spasticity, dissolve fat,rheumatic arthritis,muscle damage owing to sports,improve gut, and eliminate constipation,relieve numbness owing to pressure, patients who are bedridden, prevent muscle atrophy,intermittent claudication,diabetic foot ,the diseases caused by interruption of the blood circulation, the pregnant woman's body care, complex regional pain syndrome, vein caused by chronic diseases, varicose veins and other to treat disease.



Application

1. Household physiotherapy:safety,easy-operating, comfortable ,to protect family health
2. Hospital: surgery, orthopedics, internal medicine, obstetrics and gynecology,ICU,CCU, peripheral nerve blood vessels division, diabetes, aging, blood disease, and other rehabilitation massage therapy. Have multiple efficacy to some diseases, the treatment of diseases is more and more widely
3. Sanitarium; safety, comfortable, green ,no trauma and easy-operating

AP1200a

>> Product Parameter

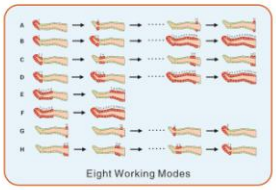


- Display:7 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part, integrated mode,remaining time,true pressure of every cavity,inflatable speed
- Treatment Time: 1 min- 99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:85VA
- Dimension:410x330x200mm

>> Function

* Treatment Mode

Default 8 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A+B+C,A+B+G,etc.)



Eight Working Modes

* Limb Sleeve



Twelve Cavity

1. Sleeve can be connected 2 sets 12 cavity and will cure 2 limb parts of body simultaneously
2. 12-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP1200b

>> Product Parameter

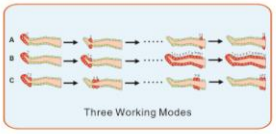


- Display:7 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part, integrated mode,remaining time,true pressure of every cavity,inflatable speed
- Treatment Time: 1 min- 99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:85VA
- Dimension:410x330x200mm

>> Function

* Treatment Mode

Default 3 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A,A+B,A+B+C,etc.)



* Limb Sleeve



1. Sleeve can be connected 2 sets 12 cavity and will cure 2 limb parts of body simultaneously
2. 12-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP600a

Product Parameter

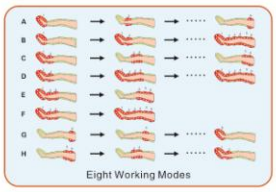


- Display:7 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part, integrated mode,remaining time,true pressure of every cavity,inflatable speed
- Treatment Time: 1 min- 99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:75VA
- Dimension:300x300x160mm

Function

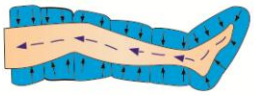
Treatment Mode

Default 8 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A+B+C,A+B+G,etc.)



Eight Working Modes

Limb Sleeve


Six Cavity

1. Sleeve can be connected 2 sets 6 cavity and will cure 2 limb parts of body simultaneously
2. 6-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP600b

>> Product Parameter

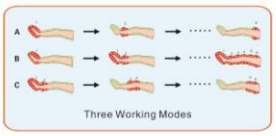


- Display:7 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part, integrated mode,remaining time,true pressure of every cavity,inflatable speed
- Treatment Time: 1 min- 99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:75VA
- Dimension:300x300x160mm

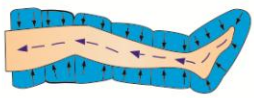
>> Function

* Treatment Mode

Default 3 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A,A+B,A+B+C,etc.)



* Limb Sleeve


Six Cavitv

1. Sleeve can be connected 2 sets 6 cavity and will cure 2 limb parts of body simultaneously
2. 6-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP400a-1

>> Product Parameter

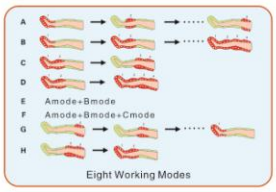


- Display:4.3 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part,integrated mode, remaining time,true pressure of every cavity, inflatable speed
- Treatment Time:1 min-99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:65VA
- Dimension:280x245x150mm

>> Function

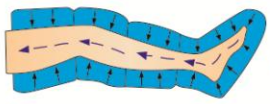
* Treatment Mode

Default 8 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A+B+C,A+B+G,etc.)



Eight Working Modes

* Limb Sleeve


Four Cavity

1. Sleeve can be connected 2 sets 4 cavity and will cure 2 limb parts of body simultaneously
2. 4-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP400a-2

Product Parameter

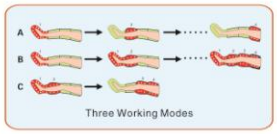


- Display:4.3 in. LCD screen,chinese/english menu, touch screen operating,real-time display the parameter of treatment status:treatment part,integrated mode, remaining time,true pressure of every cavity, inflatable speed
- Treatment Time:1 min-99 min,adjustable
- Pressure Range:0-200mmHg
- Pressure Holding Time:1s-6s
- Cycle Interval Time:1s-6s
- Power Supply:AC220V/50Hz
- Power:65VA
- Dimension:280x245x150mm

Function

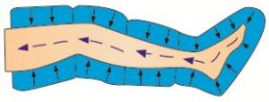
Treatment Mode

Default 3 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A,A+B,A+B+C,etc.)



Three Working Modes

Limb Sleeve


Four Cavity

1. Sleeve can be connected 2 sets 4 cavity and will cure 2 limb parts of body simultaneously
2. 4-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP400b

>> Product Parameter

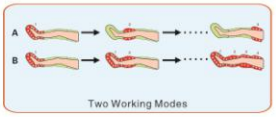


- Display:2 in. LCD screen, chinese/english menu, touching operating, real-time display the parameter of treatment status:treatment part, remaining time, true pressure of every cavity, inflatable speed
- Treatment Time:1 min-40 min, adjustable
- Pressure Range:40-200mmHg
- Power Supply:AC220V/50Hz
- Power:45VA
- Dimension:280x245x150mm

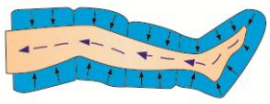
>> Function

* Treatment Mode

Default 2 treatment modes,one or multi-modes independent assortment according to patient's condition(For example,A,A+B,etc.)



* Limb Sleeve



Four Cavitv

1. Sleeve can be connected 2 sets 4 cavity and will cure 2 limb parts of body simultaneously
2. 4-chamber gradient compression sleeve efficiently prevent reflux of venous flow and increase return of venous blood

AP400c

>> Product Parameter



- Display:2in. digital display,chinese/english menu, touching operating
- Treatment Time:1 min- 40 min,adjustable
- Pressure Range:20-200mmHg
- Power Supply:AC220V/50Hz
- Power:40VA
- Dimension:278x225x168mm

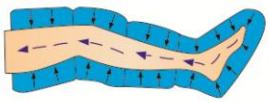
>> Function

* Treatment Mode

Default 1 treatment modes



* Limb Sleeve



Four Cavity

1. Material:Medical-TPU material
2. Unbreakable super resist compression
3. Sleeve can be connected 2 sets 4 cavity and will cure 2 limb parts of body simultaneously
4. Special bicycle pump , low noise, low vibration and high charging speed
5. Anti-electromagnetic interference

Parameter of limb sleeve

1. Material:Medical-TPU material
2. Circumferential-pressure design,Inner lining of sleeve is easy to detach, clean and sterilize
3. Unbreakable super resist compression
4. Single cavity working mode is adjusted pressure,real-time monitor sleeve real pressure. zero skipping function,pressure of any chamber can be adjusted to '0', which allows to skip wounded or fragile body part
5. Real-time monitoring pressure,automatic alarm if air escape
6. Continuous pressure increasing efficiently vein evacuate to ensure velocity of flow of blood in a higher level
7. Special bicycle pump , low noise, low vibration and high charging speed
8. Anti-electromagnetic interference

Accessories



12/6 cavity windpipe



4 cavity windpipe



12 cavity Limb Sleeve



6 cavity Limb Sleeve



4 cavity Limb Sleeve



Foot pressure sleeve



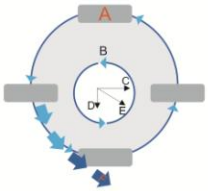
Hand pressure sleeve



Foot Pad

Multi-frequency Vibration Therapy Device

>> Working Diagrammatic Sketch



A: Percussion Head
B: Rotation Axis
C: Horizontal Force
D: Vertical Force
E: Resultant
F: Resultant

Working Diagrammatic Sketch

Multi-frequency vibration therapy device is designed according to physical orientation tapping principle. The device will produce the periodicity composition of forces (composition by vertical and horizontal forces) in the direction of human body surface, and can be penetrated cortex,muscles,tissues and body fluids,vertical forces can produce percuss and tremor role for human body to make respiratory mucosal surface mucus and metabolites flab and liquefaction, and make it shrink and become loose.Horizontal forces can produce directional squeeze push and tremor role to make the phlegm that is liquefied in the bronchus to flush out gradually from human body according to the directional squeeze push (for example: bronchiole → bronchus → trachea).

>> Application

1. **Hospital:** respiratory medicine,neurology,ICU/CCU, neurosurgery, thoracic surgery, department of infectious diseases, general surgery, pediatrics, geriatrics, rehabilitation therapy, occupational diseases, emergency call, postoperative recovery and so on
2. **Physical training/gymnasium:** massage after strenuous exercise
3. **Household physiotherapy:** safety,easy-operating, to protect family health
4. **Sanitarium/nursing home:** physiotherapy for the aged

Advantage of Multi-frequency Vibration Therapy Device

Multi-frequency Vibration Therapy Device	Manual Tapping
Low-frequency power can penetrate skin muscle and tissue and reach bronchiole	Only works on surface
Any body position can be operated and need not coordinate with body position	Need coordinate with body position of patients
Can keep constant tapping rhythms	Tapping rhythms is out of control
Frequency can be adjusted according to different patients and diseases	Frequency has no accurate standard
Power is strong, stable and sustainable	Power is not easy to control and is not sustainable
Easy for patients to accept	Easy to make patients unconfortable
Operation is easy and labour-saving	Manuall tapping is complicated and laborious
Not easy to make people tired	Easy to make people tired
Not easy to make knife-edge crack after operation	Easy to make knife-edge crack after operation
Vibratory penetrating power is strong	Vibration is on surface of body

Function

1. Help patients to remove sputum
2. Promote blood circulation
3. Relieve bronchial smooth muscle spazm
4. To accelerate lymphocyte reflux
5. To eliminate edema, and lessen blockade
6. To improve blood oxygen content
7. To improve breath sound

YK700-1H

Single output Used for adult and child



- Display: 0.5in.digital display
- Output mode:single output
- Voltage: AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode: hand-operated mode
- Vibration amplitude: ≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft: 1.8m, pluggable/stainless steel, easy to clean, disinfect and change
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head: a variety of types
- Optional: litable bracket with rubber tire stainless steal

>> Accessories



Percussion head



Flexible shaft

YK700-1

Single output Used for adult and child



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode:single output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Optional: litable bracket with rubber tire stainless steal

>> Accessories



Percussion commutator



Percussion head

YK700-2

Single output Used for child and infant



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode:single output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Optional: litable bracket with rubber tire stainless steal

>> Accessories



Percussion commutator



Percussion head

YK600-1

Single output Used for adult and child



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode:single output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode (P1, P2, P3, P4)
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Outward appearance: streamlined integrative/portable machine, rubber tire

>> Accessories



Percussion commutator



Percussion head

YK600-2

Single output Used for child and infant



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode:single output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode (P1, P2, P3, P4)
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Outward appearance: streamlined integrative/portable machine, rubber tire

>> Accessories



Percussion commutator



Percussion head

YK600-3D

Dual output Used for adult,child and infant



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode: Dual output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode (P1, P2, P3, P4)
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Outward appearance: streamlined integrative/portable machine, rubber tire

>> Accessories



Percussion commutator



Percussion head

YK600-3S-1

Dual output Used for adult and child



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode: Dual output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode (P1, P2, P3, P4)
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Outward appearance: streamlined integrative/portable machine, rubber tire

>> Accessories



Percussion commutator



Percussion head

YK600-3S-2

Dual output Used for child and infant



- Display: Large LCD screen,man-machine conversation interface
- Memory function: memory time and frequency, stop/start working at any time without shutting down power and operation
- Output mode: Dual output
- Voltage:AC220V±22V, 50Hz±1Hz
- Ultra quiet design:≤50dB, electromagnetic-shielding device applied in the whole machine, nil-interference, no radiation
- Mode:automatic and hand-operated mode (P1, P2, P3, P4)
- Vibration amplitude:≤5mm+0.6mm, setting time1-60min, and percussion frequency 10–60Hz
- Flexible shaft:1.8m, pluggable/stainless steel, easy to clean, disinfect and change.
- Feedback control circuit: stable frequence, good penetrating power,easy for expectoration
- Percussion head:a variety of types
- Outward appearance: streamlined integrative/portable machine, rubber tire

>> Accessories



Percussion commutator



Percussion head