

*Anti-pressure Ulcer*

**TS-506 Pump & 4" Mattress Replacement System**



Long-term mobility impaired, long-term bedridden, spinal cord injured, disabled after stroke, paralyzed, unconscious in coma, incontinent, diabetic, patients or any patient who has delicate skin, weak physical strength or malnutrition can use the alternating air mattress & pump system to prevent and manage decubitus.



Full Function Digital Control



Dual External Fuse



Foam Base Integrated



CPC Quick Coupling



CPR Quick Deflation Valve



Bi-directional Elastic Coverlet



IPX0 No AP/APG

Dignified Healthcare  Thoughtful Concern

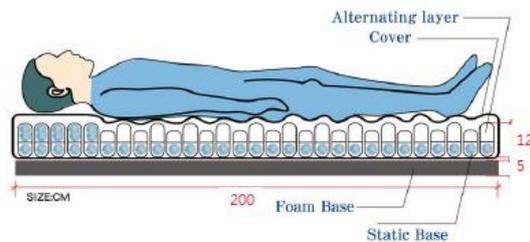


**TS-506** Advanced Digital Intelligent Control Unit provides complete features with the most comfortable 4" 29 air cells mattress with foam base integrated. It has an internal pressure sensor and feedback system to monitor the pressure variation 24-hours in real time.

**Features of Control Unit: Safety Practical Aesthetic**



- **Weight Mode** provides the suitable alternating pressures automatically for the user according to the user's weight.
- **Alternating Mode Cycle Time** can be adjusted for the inflation and deflation operations every 5, 10, 15, or 20 minutes.
- **Static Mode** that puts the entire mattress in a static state without alternation. The power unit automatically provides a different static pressure value according to the existing altered weight setting.
- **Nursing Button:** This can harden the mattress in the quickest way for easy nursing. However, after 30 minutes, the unit will forcefully resume the setting before the button is pressed in order to protect the patient from the risk of developing pressure ulcers because the mattress becomes too hard.
- **Auto Dual Mode** allows the alternating mode and the static mode to be automatically engaged every hour alternately so as to enhance its versatility.
- **Memory Revert** is a protection measure used for the unit to automatically restore the last operation settings after the power recovery from a short abnormal power failure so as to spare the nurse's effort to configure the settings one by one all over again.
- The **Lock** prevents the existing settings from being modified accidentally which may affect the normal operation for the user. (The "Power" button and the "Nursing" button are not locked by this function.)
- **Low Pressure Alarm** provides notification to the nurse that the air mattress has malfunction that needs to be solved as soon as possible.
- **Power Failure Alarm** provides notification when the mains power that supplies power to the unit has an abnormal power failure or the power cord is tripped off accidentally, the indicator will be lit and an alarm sound will be exerted.
- The exclusive and thoughtful **easy-to-indentify symbol design** are easy-to-learn and easy-to operate so that the operation settings are made easy.
- Selection button for the "ON/Stand By" status of the power unit.
- **3-PIN separable power plug design** can avoid the electrical hazard of the power cord while it is being pulled out during emergency.
- **Safe external dual-fuse design** enhances the protection ratings and allows the fuses to be replaced directly without the inconvenience of disassembly of the machine.
- **Patented internal mechanism** is featured with low vibration, low noise, low power consumption, and modular design for convenient production and maintenance.
- Entire unit is designed with **streamline outline**, lightweight body, perfect geometric ratio, and visual comfort appearance which provide dignified care for the user.
- **Dual-hook design** reinforces the hanging strength and can be adjusted at different hanging angles. Its rigid steel components can greatly endure the external pulling forces.
- Unit can be conveniently operated by being placed vertically, horizontally or hung on a hook.
- Filter sponge can be replaced externally without the trouble of disassembly for maintenance



**Features of Air Mattress: Comfort Ease Durability**

- **4" Air cells – 29pcs & Foam Base Integrated** : The increased height of the air cells allows the volume of the air chamber to be increase and the forces to support human body can be distributed more evenly and feel more comfort, plus foam based integrated that provides more security.
- **Upper and lower layers of air cells are independently inflated.** The lower layer of air cells is inflated with stable air pressure without alternating pressure control that can serve as a conventional sponge mattress.
- **Movement of the air mattress after power shutdown:** The **CPC quick coupling** is used to keep the air in the air mattress as a support for the user's body, so it can still protect the user against bedsores.
- **Buckle components** are designed for adjustable length which can facilitate the retraction and handling of the mattress.
- **Head End 3 Hoses No Alternating Design**
- The light moisture permeable, elastic fabric with a costly **PU membrane is the main surface** in contact with the patient. The purpose is to prevent shear and friction from damaging the patient's skin because that is not easily crinkled.
- **Air cells are made of durable**, deformation-free and lightweight materials that can withstand a pressure over 300 mmHg.
- External connecting tube are protected with **dust-proof sleeve** so as to avoid the accumulation of dusts and stains on the surface.
- **Patent Design of CPR Quick Valve** are equipped for fast deflation of the air mattress so as to facilitate the cardiopulmonary resuscitation (CPR) during the emergency.
- Rear side of the air mattress is equipped with **wide elastic bands** on the four corners for simple and easy mounting on the original foam mattress or at the frame of the medical bed.

|                |  |   |                  |
|----------------|--|---|------------------|
| Control Unit   | Input Power  | AC100-120V/60Hz or AC220-240V/50Hz                              |                  |
|                | Power Consumption  | 10W max   |                  |
|                | External Fuse  | T1AL/250V   |                  |
|                | Warranty: 1 year   | Dimensions  | L26*W8*H13 cm    |
|                |  | Weight  | Approx. 1.5 kg   |
|                | Air Flow Rate  | Approx. 8LPM  |                  |
|                | Weight Selection   | 30, 40, 50, 60, 70, 80, 90, 120, 150 and 180 kg                 |                  |
|                | Power Cord Length  | 3.5 M   |                  |
|                | Appliance Category   | Class I, Type BF  |                  |
|                | Certification  | CE , EN60601,EN60601-1(MDD), EN 60601-1-2 , FCC Part 18-Class B |                  |
| Air Mattress   | Dimensions   | L200*W85*H17 cm   |                  |
|                | Weight   | Approx. 9.5 kg  |                  |
|                | Load   | 30-180 kg   |                  |
|                | Warranty: 1 year   | Air cells Materials   | Nylon / TPU      |
|                |  | Base Materials  | Nylon 300D / TPU |
| Mattress Cover | Polyester / PU   |   |                  |
| Made in Taiwan | *The product specifications may be subject to change according to the market without further notice. |   |                  |



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