



Advance model

Digital Control Pump

6 inch pure TPU double independent chamber functional mattress cover



COMFORT SMART SAFETY CARE

# TS-50U Anti-Decubitus Mattress



4 hours no power no bottom out



Smart pump Digital pressure sensing pump system



Product liability insurance 500,000 US Dollar (excluding USA/Canada and Taiwan)



Professional R& D Taiwan manufacture and design Decubitus Mattress



# TS-50U Anti-decubitus Mattress



## Comfortable mattress



4 hours no power  
no bottom out

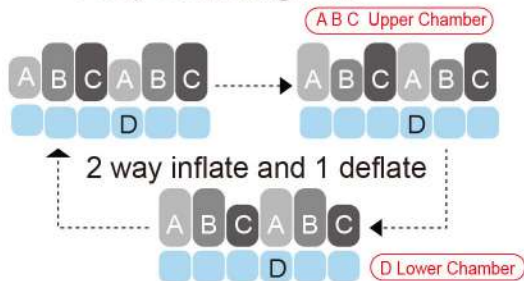


## Smart pump



Digital pressure  
sensing pump system

### Independent chamber 3 way alternating cells



## Comfort Smart Safety Care

- ◎ Base air pressure can still support the patient even power cut off for more than 4 hours preventing unwanted pressure sore ◦
- ◎ Alternating cells for upper chamber and stable pressure for lower chamber ◦
- ◎ 3 static cells for head area ◦
- ◎ Multiple air cells for more surface support ◦
- ◎ TPU air cells material, quiet and gentle ◦
- ◎ Stable cell design lowers alternating air sounds ◦
- ◎ Durable base design with anti slip pad ◦
- ◎ Side handle design for moving ◦
- ◎ High grade PU flexible cover waterproof, fire retardant BS7175 Crib 5 and moisture permeability. ◦  
Passed ISO10993-5&-10 test ◦  
Anti-mite and antibacterial ◦
- ◎ Cover material passed RoHS/REACH(SVHC)test ◦
- ◎ Cover washable in 95°C or alcohol wipes for decontamination and disinfect ◦
- ◎ 3 way quick release connector with cap for easy transport ◦
- ◎ Zipper design with anti dust sleeves ◦
- ◎ Cable management for storage ◦
- ◎ Intuitive control panel ◦
- ◎ IP21 dust-proof, waterproof, V0 grade fire retardant ABS case ◦
- ◎ Double safety fuse ◦ Detachable power cord ◦
- ◎ 3.5m power cord can extend from mattress head to feet ◦



### Alternating Mode Cycle Time

Alternating cycle time in 5,10,15,20 minutes  
Constant inflate and deflate alternating operation using air cells hardness and softness variation alter and spread the pressure points in different direction ◦



### Static Mode

Maintain air cells in even pressure ◦



### Nursing Mode

Inflate the air cells to high pressure without alternating for nurse care and revert back to needed pressure range after 30 mins ◦



### Seat Mode

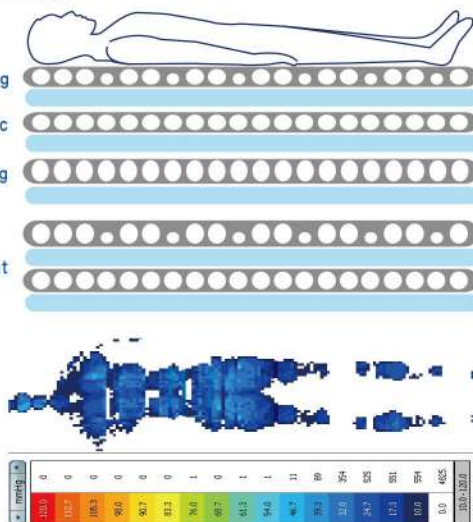
Automatically adjust pressure in seat position for extra support ◦

Alternating

Static

Nursing

Seat



### Weight Setting

Different weights uses the equivalent pressure range, if needed will add air accordingly ◦  
Economical and quiet ◦



### Mute

Deactivate alarm sound but warning light still on ◦



Double safety fuse



### Pressure Abnormal Alarm

If pressure is too high or too low warning light will light up and sound alarm be activated ◦



### Power Failure Alarm

Abnormal power shut down the alarm will sound ◦  
Alarm can continue for at least 4 hours as a reminder to take action ◦



### Air PUMP

- Input : AC200-240V,50/60 Hz (OR AC100-120V,50/60 Hz)
- Power Consumption : 10W max. for AC100-120V ; 12W max. for AC200-240V
- Fuse Rating : T1AL/250V
- Weight : 1.5kg (approx.)
- Dimension : L26cmxW8xH13cm
- Air flow rate : 8 liter/min (approx.)

### High grade flexible cover

- Wipeclean
- 4-way stretch
- MVP
- AntiBacterial
- 95°C Machine washable
- FR: Crib 5
- Bio-compatibility
- Fungistatic
- Waterproof



Quick release connector



CPR



Pure TPU Air cells Independent chamber



Elastic cable loop

