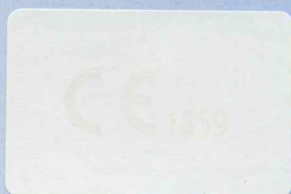


AIR FLUIDIZED SUPPORT SYSTEM LI-7 STANDARD TYPE

A Wound management System – Air Fluidized Therapy Bed

De-pressurize and/or immobilize patient of burns, bed sores, skin harvest on its posterior.



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Air Fluidized Support System

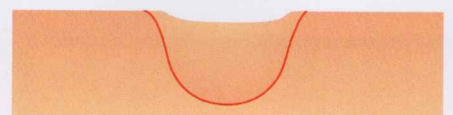
helps natural wound healing power

The 3 Steps of the Wound Healing Process

1. Inflammation

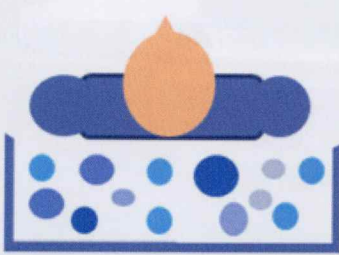
2. Proliferation

3. Remodeling



De-pressurization by air fluidized support system promotes posterior wound healing

Moisturization promotes healing



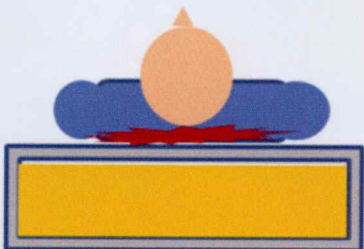
Air Fluidized Bed



Pressure is the worst negative factor for smooth wound healing.

Pressurization by regular bed etc. delays posterior wound healing

Disinfection delays healing

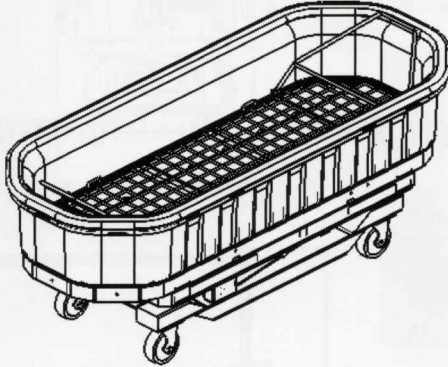


Urethane mattress bed



Diligent maintenance / decontamination assures clean environment and long system life

Sieve



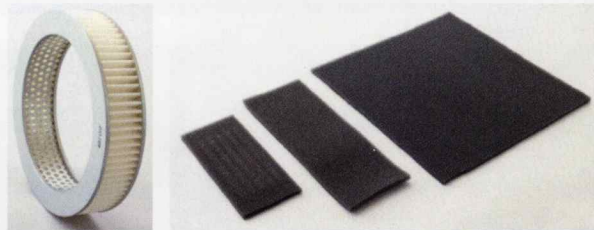
Air filter



Filter Sheet



Air cleaner and Air filters

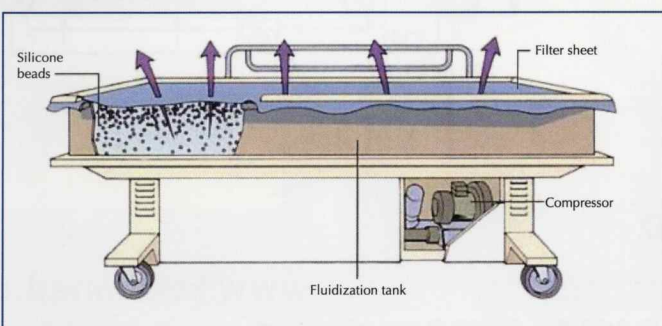


Full description:

- Operation Power
 - Power Voltage AC200 ~ 240V
 - Frequency of Electric Power 50 / 60Hz
 - Power Consumption 1400VA
- System weight
 - 670kg Total : Machine 245kg and Ceramic Beads 425kg
- Air Flow Volume rate
 - 1.7m³ / minute
- Operation Temperature
 - Temperature setting range : 25 ~ 38°C (0.1°C increment) :
- Intermittent Timer (Optional)
 - Fluidization time setting range : 0 ~ 9999 seconds
 - De-Fluidization time setting range : 0 ~ 99 minutes 59 seconds
- automatic weight monitor (Optional) , with following parameter :
 - Weight measure : 0 to 150kg
 - Weight change : -99.9kg to +150kg
- Ceramic Beads
 - Medical Grade Soda lime sphere
 - Diameter : 0.05 ~ 0.150mm
 - Specific Gravity at Fluidization : 1.5
- Filter sheet
 - made from Monofilament Polyester
 - Mesh open : 0.037mm
- CPR ready : 5 seconds or less after Emergency button press
- Operated-hour count and display : 000,000.0 - 999,999.9 hours
- Noise level : 50 dB or less
- Beads Tank : ABS

Air-fluidized therapy bed

The air-fluidized therapy bed is a large tub filled with microspheres that are suspended by air pressure and give the patient fluidlike support. The bed provides the advantages of flotation without the disadvantages of instability, patient positioning difficulties, and immobility.



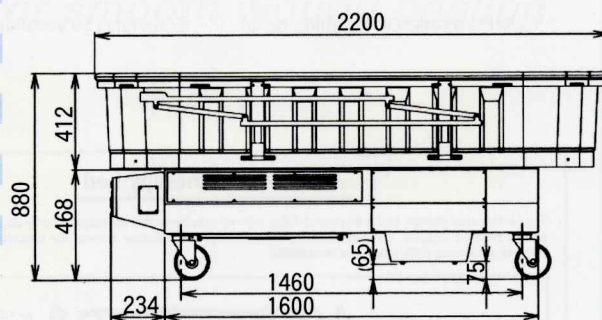
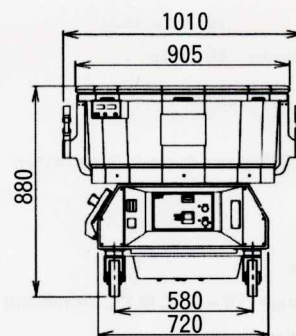
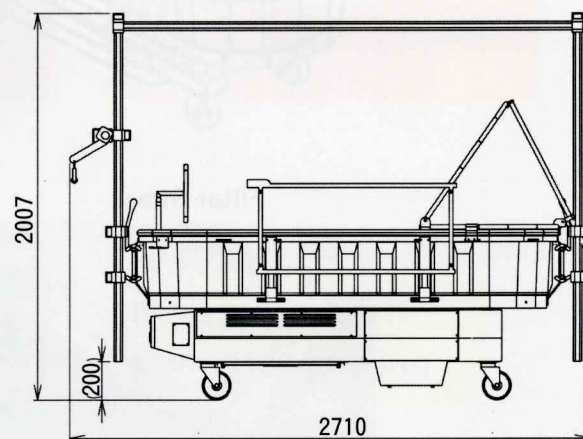
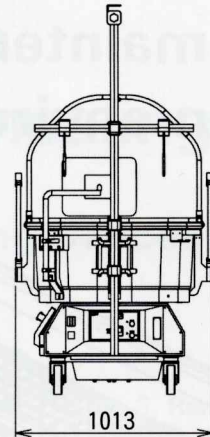
LI-7 air fluidized support system

specification

LI-7-ST-CE	LI-7 standard type		
dimension	main unit	905 (W) 880 (H) 2,200 (L) mm	
weight	main unit	245 Kgs	
	ceramic beads	425 Kgs	
Beads fluidization level		single level	
Beads temperature controllable range		room temp. plus 2°C - 20°C	
Power consumption		1.1 KW	
Beads temperature setting range		25°C - 38°C	
Filter Sheet		Monofilament Polyester mesh:0.037mm	
Maximum Patient height		200 cm	
Maximum Patient weight	135 Kg	Over 100Kgs: reduce one kg beads for every one kg weight increase	

Ordering information

LI-7-ST-CE	LI-7 standard type		
	<i>standard accessories</i>		
	18	ceramic beads 25 kg (17 plus 1 spare)	
	2	filter sheet	
	1	Vinyl sheet (machine cover)	
	1	screen (sieve)	
	2	air cleaner	
	1	air filter (for standard)	
	1	pre filter (for standard)	
	1	operation manual (LI-7 standard type)	
Ordering code number	<i>Factory options</i>		
LI-7-ST-IN	Intermittent fluidization controller		
LI-7-ST-WS	patient weight scale (4 pcs load cell, display)		
LI-7-ST-SW	Hand switch (switch and switch board)		
	<i>Dealer options</i>		
LI-7-ST-BS	Built-in Step (with bracket only for standard)		
LI-7-SR	Side rail (with bracket)		
LI-7-IV	IV holder (with bracket)		
LI-7-GU	Gatch up back rest		
L-LAND3-20	back rest A		
L-LAND3-21	back rest B		
LI-7-ST-BH	Bag hook		
LI-7-PTD	Traction device with bracket		
LI-7-PTDB	Trapeze bar for traction device		
LI-7-PL	Patient lifter with sling sheet		
L-LAND3-22	Foot Support (with bracket)		
LI-7-TBH34EXP	trapeze bar holder 34 mm Φ		
	<i>Maintenance goods</i>		
LI-7-FS	Filter sheet		
L-LAND3-16	Vinyl sheet		
L-LAND3-4	Air cleaner		
LI-7-ST-FF	Air filter (for standard)		
LI-7-ST-PF	Pre filter (for standard)		
TS-600-5S	Ceramic beads 25 kg / can		
LI-7-SCR	Screen (sieve)		
	<i>Parts</i>		
LI-7-ST-HS	Hand switch		
LI-7-ST-FS	Foot switch		



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