



((( AUTO SENSING )))

# Pro-care Optima Prone

## Dynamic Pressure Redistribution Air Mattress

- Suitable for patients in high to very high risk of pressure injuries
- Single-Handed Care when repositioning patient's head regularly in prone position
- Multi-zone air pressure for greater pressure redistribution and optimal comfort in prone & supine positions
- Pressure relief function for each individual cell deflated to provide zero pressure
- Integrated mattress configuration eliminating an extra pillow while offering optimal pressure care to patients



Care for a Healthy Life

**PEX**

# Pro-care Optima Prone

Dynamic Pressure Redistribution Air Mattress

*"Simplicity Redefined"*

## Prone Position Solution



### Single-Handed Care

Allowing caregiver to deflate the air cells in the head section after the system elevates the patient's chest to enable the repositioning of the patient's head by one person only



### Excellent Pressure Relief off Facial Contour

Providing gentle support for the patient's head when in the prone position and zero pressure to the ear by special foam design

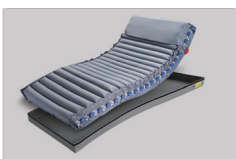
Position	Prone	Supine
PRI ≤ 32 mmHg	100%	100%
Pressure Mapping (Weight 90 Kg)		

### Effective Pressure Relief in Both Prone & Supine Positions

In both positions, the interface pressure during its 30-minute test cycle is 100% below 32 mmHg

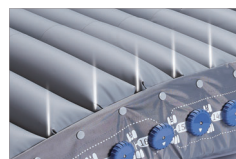
### 4-way Stretch Cover

- Water Resistance
- Flame Retardant : BS 7175 Crib 5 & Crib 7
- Biocompatible
- Low Friction and Shear
- High Moisture Vapour Transmission Rate



### 80% Time Saving

Quick release detachable base can be easily removed from mattress



### Microclimate Management

Provides good ventilation helping to reduce the accumulation of heat and moisture



### Cable Management

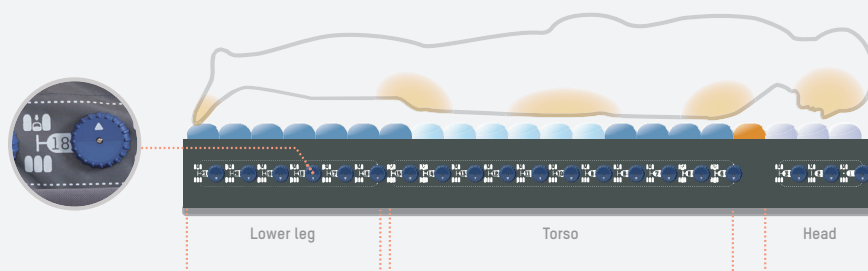
Minimizing trip hazards for a safer healthcare environment



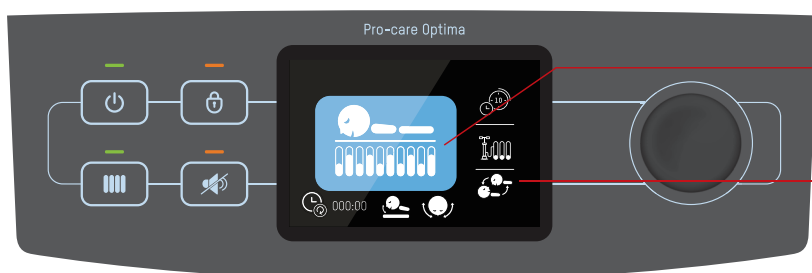
### Individual Air Cell Deflation

20 individual numbered air cells with a one-handed control knob allow caregivers to off-load specific vulnerable areas of the patient's body

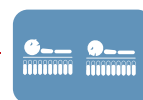
It demonstrates significant pressure redistribution to fit different patient contours with stability and comfort by providing different air pressure levels in head, torso, and lower leg sections. Moreover, with the ability to offload each of the 20 numbered air cells individually, a more tailored pressure area care can be prescribed.



The first three air cells can be deflated easily, which benefit caregivers to reposition patient's head regularly in prone position.



**Therapy Modes**  
Fulfill care needs in ICU environment  
Alternating / Continuous Low Pressure



**Position Modes**  
Available for supine and prone use  
Both supine and prone positions can be easily achieved through a simple dial



**Intuitive Auto-Sensing Technology**

- **Auto-recognition:** Automatically initiates the correct pressure setting to different corresponding mattress types
- **Auto-adjustment:** Ensures that the pressure is constantly adjusted in accordance with the patient's weight and position



**Prone Position Timer**

Once the Prone Position Mode is selected the timer will be started automatically to show caregivers how long the patient has been repositioned



**Head Reposition Mode (10 mins)**

The air cell will start to inflate to lift the patient's shoulders and chest upward for one caregiver to reposition the patient's head easier



**Auto Seat Inflation**

Automatically inflates when the head section has been raised by  $\geq 30^\circ$ , and provides extra support in sacral area during sitting position to prevent bottoming out



**Shoulder Lifting Mode**

The air cells in the shoulder and chest section will be lifted to relieve the pressure off the neck and thus reducing the risk of hyperextension for the patient in prone position

**Specifications**

Model	Pro-care Optima Prone	
Pump	Dimensions	34.1 x 16.5 x 26.0 cm
	Weight	4.5 kg/ 9.9lbs ; 5 kg/11lbs (With battery)
	Case Material	Flame retardant ABS
	Supply Voltage	220-240V/50 Hz; 110-120V/60 Hz
	Operating Cycle	10, 15, 20, 25 min.
Mattress	8 " Replacement	
	Dimensions	200 x 80/85/90 x 20.3 cm
	Cell Height	21 QubiCells (20 of them are equipped with deflation function individually)
	Weight	14 kg/ 30.8 lbs
	Cover Material	4-way stretch PU
	Cell Material	TPU
	Maximum Patient Weight	250 kg / 550 lbs
Flame Retardant Standards	EN 597-1 & EN 597-2	

Specifications are subject to change for improvement without notice

## HEADQUARTERS

Apex Medical Corp.  
No. 9, Min Sheng St., Tu-Cheng,  
New Taipei City, 23679, Taiwan  
T +886 2 2268 5568  
F +886 2 2268 6525  
marketing@apexmedicalcorp.com

## PAN-ASIA

### TAIWAN

Apex Medical Corp.  
No. 9, Min Sheng St., Tu-Cheng,  
New Taipei City, 23679, Taiwan  
T +886 2 2268 5600 /0800 054 133  
F +886 2 2268 6526  
customer@apexmedicalcorp.com

### STURDY INDUSTRIAL

168, Sec.1, Zhongxing Road, Wugu District,  
New Taipei City 24872, Taiwan  
T +886 2 2981 5245  
F +886 2 2984 8208  
foreign@sturdy.com.tw  
www.sturdy.com.tw

### CHINA

Apex Medical (Kunshan) Corp.  
No. 1368, ZiZhu Road, Kunshan,  
Jiang Su Province, China  
T +86 512 8617 1660 Ext 1150  
F +86 512 8617 8663  
customer.cn@apexmedicalcorp.com

### THAILAND

Apex Medical (Thailand)  
No.111/152 Soi Pho Kao Yak 19,  
Nawamin, Beung Kum,  
Bangkok 10240,  
Thailand.  
T +662 018 2140 Ext 4210  
sales.thai@apexmedicalcorp.com

### MIDDLE EAST • AFRICA

29, Misr Littameer Building,  
Stree#10, AREA#8, Sheraton Building  
Heliopolis Cairo, Egypt.  
T +202 2 2671303  
F +202 2 2678649  
raafat.wahby@apexmedicalcorp.com

## PAN-EUROPE

### SPAIN

Apex Medical S.L.  
Elcano 9, 6ª planta 48008  
Bilbao. Vizcaya. Spain  
T +34 94 4706408  
F +34 94 4706409  
info@apexmedical.es

### UK

Apex Medical Limited  
Unit 33, Great Western Business Park  
McKenzie Way, Worcester ,WR4 9GN  
United Kingdom  
T +44 (0) 190 5774 695  
sales@apexmedicalcorp.co.uk

### FRANCE

Apex Medical France  
4 Boulevard de la Chanterie  
49124 Saint-Barthelemy d'Anjou  
France  
T +33 2 72 79 27 13  
F +33 2 85 73 07 67  
info.france@apexmedicalcorp.com

### GERMANY

SLK Vertriebsgesellschaft mbH  
Am Herdicksbach 18, 45731 Waltrop  
Germany  
T +49 (0) 231-925360-0  
F +49 (0) 231-925360-29  
info@slk-gmbh.de  
www.slk-gmbh.de

## AMERICAS

### USA

Apex Medical USA  
927 Mariner Street,  
Brea, CA 92821, USA  
T +1 714 671 3818  
F +1 714 494 8173  
sales.usa@apexmedicalcorp.com



Distributed by