

ECONOMY ALTERNATING PRESSURE



**MATTRESS REPLACEMENT
SYSTEM**

A P M

OVERLAY PAD SYSTEM



**KAP
MEDICAL**

K-O ECO-ZONE™

K-0 ECO-ZONE™ Economy Alternating Pressure System

The Most Economic Means Of Alternating Pressure (A/P) Therapy.

The most affordable, state of the art micro-controller driven **ALTERNATING** low interface pressure relief system available in the market today. The first and the only air pump driven alternating pressure therapy control unit where the desired patient comfort pressure levels are achieved by varying the airflow of the pump. **WEIGHT CAPACITY UP TO 360 LBS.**

Control Unit (K-0)

- Single 8~10 LPM (liters per minute) air pump.
- Provides software flexibility (custom pressures, times, and functions), and high reliability.
- Easy to use Power "on/stand by" and AP/Static push button switches with LED's to select required therapy modes.
- Easy to use knob to select MAX Flow mode, and is also used to adjust patient comfort pressure levels from Soft 1 to Firm 10 (8 ± 4 to 32 ± 6 mmHg or customer desired pressures).
- Micro-controller adjusts the performance of the pump to obtain the desired patient comfort level. In Static and Alternating modes the pump is operated at less than 50% of its maximum capacity, thus increasing its original life cycle by 100%.
- Max Flow mode with 30 minutes timer for rapid inflation of the mattress.
- Provides effective static or alternating pressure therapies. In A/P mode the 10 min A/P cycle time is fixed (custom times can be set upon request), and provide dynamic A/P in the entire mattress. Holds air for hours in the event of power failure, or during patient transportation.
- Lock switch (Optional) on the back of the unit completely locks the control panel, to eliminate tampering of the patient settings, including power switch.
- Audiovisual alarms in the event of power outage. Internal memory always retains current settings during power outage, will resume desired operation upon power restoration.
- Dual rugged quick disconnect airflow connectors for rapid attach and CPR deflate functions.
- Control unit is reliable, quiet, compact and lightweight. For quick inflate please use our portable K-39 RID™ (Rapid Inflator / Deflator) unit.



Support Surface (K-0M)

- Therapeutic support surface consists of superior quality, urethane coated nylon air cushions (16 cell overlay or 16/20 cell mattress) to provide effective A/P therapy with low interface pressures. Pad overlays or cell overlays are 5" or 7" high, and mattress replacements are 8" or 10" high.
- **OPTIONAL** constant air pressure side bolsters / foam bolsters help contain the patient on the mattress. Air bolsters can be deflated for easy patient access into and out of the mattress, and also for easy patient procedures.
- Low friction and low shear force producing, urethane coated breathable nylon top sheet, which is liquid proof and highly vapor permeable.
- 2" convoluted safety foam base or 2" optional air pad base (8" & 10" mattress) to provide additional support to the patient in the event of power failure.
- The air cells are connected to the manifold using quick connectors and fastened to the base. The top sheet is zippered to the base.
- Bi-Lumen tubing assembly with dual, rugged quick disconnect connectors for rapid attach and CPR deflate function. Holds air for hours during power failure.
- Complete support surface is made of superior quality materials and is modular in construction. All of the components such as manifold, tubing assembly, air cushions, top sheet, and foam base are interchangeable, and can be easily cleaned or detached for laundry.
- Lightweight support surface can be rolled up easily and has two handles or two shoulder straps, which can be used to carry by hand or over the shoulder.

SAC™ Support Air Cushion (K-140)

- SAC™ (Optional) foot support air cushion can be used to support patient's feet and to provide zero interface pressures in the heel area.

K-OMS TECHNICAL DATA

	CONTROL UNIT K-0	SUPPORT SURFACE K-0M / K-0opad / K-0ocell
Input Voltage	120 VAC, 60 Hz, 1 A ● 220/240 VAC, 50 Hz, .5 A	5" / 7" (12.7 / 17.8) cm high mattress overlay.
Power Cord	14' (427cm) long hospital grade detachable.	8" / 10" (20.5 / 25) cm high mattress replacement.
Fuse Protection	1 Amp fast acting dual fuses.	36" (91) cm wide mattress.
A/P Cycle Time	Fixed 10 Minutes (custom time can be programmed).	76"/80"/84" (193/203/213) cm long mattresses.
Dimensions (LWH) / Weight	10" x 5" x 5" (25cm x 13cm x 13cm) / 5 lbs. (2.2 Kg.).	Standard Size: 80" x 36" x 5" (Overlay Mattress), 80"x36"x10" (Mattress Replacement), / 23 lbs. (10.5 Kg.). Custom sizes available.
Weight Capacity	Pediatric to Standard Patients. 360 lbs (160 Kg).	360 lbs (160 Kg).
Safety Agency Approvals	 To standard for safety of Medical Electrical equipment. An FDA Registered Company, Product Is FDA Listed.	Conforms To: UL STD 2601-1 with respect to Electrical Shock, Fire and Mechanical Hazards. Certified To: CAN/CSA STD C22.2 No. 601.1 CE Mark:  MADE IN USA
Warranty	One year limited, parts and labor.	One year limited, parts and labor.

Call or visit our website for interface pressure map.



1395 Pico Street, Corona, California 92881 ● USA

☎ 1-866-KAP-MED 1 (866 527 6331) ● 951-340-4360 ● www.kapmedical.com ● sales@kapmedical.com ● P/N: 400231, Rev: New