

ALTERNATING ON-DEMAND LOW AIR LOSS



K-2 KARE-ZONE™

K-2 KARE-ZONE™ Dynamic (Alternating) On-Demand Low Air Loss System

The Most Advanced & Effective Means Of A/P Therapy With On-Demand Low Air Loss (LAL) Relief.

The first control unit with **ALTERNATING (A/P) low interface pressure (Zero Interface Pressure) therapy with On-Demand LAL relief.** The only system in the market where the caregiver can set the desired patient high A/P levels, low A/P levels, and LAL times. K-2 is the only system to offer variable alternating pressure cycle times (1 to 99 minutes) and LAL times. It is the only system available with an auto upright (fowler) sensor. Holds air for days in the event of power outage. **WEIGHT CAPACITY UP TO 1,000 LBS.**

Control Unit (K-2)

- Single high airflow pump, 42~52 LPM (liters per minute).
- State of the art micro-controller technology, constantly monitors mattress pressures, automatically sets pressures when patient weight and height are entered. Software flexibility allows customer changes (custom pressures, times, and functions).
- User-friendly 4x20 bright blue digital LCD panel with back light for simple user interface, displays current mode, various times, weight and height, patient comfort pressure level bar graph, Zone 1 and Zone 2 actual mattress pressure in mmHg, and various other functions. Customer name and phone number can be displayed on the LCD screen (optional).
- **Auto Upright Sensor (K-150)** automatically detects patient's fowler position & inflates the mattress to 20% higher pressure, to eliminate patient bottoming.
- **On Demand LAL:** LAL relief can be turned on or off, and also desired LAL "ON" time and "OFF" time can be set individually in minutes or hours.
- Easy to use knobs to select various mode functions, patient parameters, custom A/P time 1 ~ 99 minutes, and are also used to adjust patient comfort pressure levels from Soft 6 ± 3 mmHg to Firm 32 ± 4 mmHg.
- Max Flow mode with 30 minute timer for rapid inflation of the mattress, inflates in 5 ~ 25 minutes depending on the size of the mattress.
- Provides effective static, alternating pressure, pulse, massage or multi (combination of all) therapies. In A/P mode, desired high and low pressures in the mattress can be set. Solenoids in the pump hold air for days in the event of power failure, or during patient transportation.
- Lock out key completely locks the control panel, to eliminate tampering of the patient settings, including power switch.
- Audiovisual alarms in the event of power outage or low pressures (hose disconnect). Alarm silence key to mute alarm. Internal memory always retains current settings during power outage, will resume desired operation upon power restoration. **Holds air in the mattress for days in the event of power outage.**
- Control unit is reliable, quiet, compact and lightweight. For quick inflate please use our K-39 RID™ Rapid Inflator / Deflator unit.



Support Surface (K-2M)

- 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, zippered 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.
- Single rugged, tri-lumen hose assembly with connectors for rapid attach and CPR deflate functions. Holds air for days during power failure or transportation.
- 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-2MS TECHNICAL DATA

	CONTROL UNIT K-2	SUPPORT SURFACE K-2M / K-2ocell
Input Voltage	120 VAC, 60 Hz, 1 A ● 220/240 VAC, 50 Hz, .5A	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"/39"/42"/48"/54"/60"/76" (91/99/106/122/137/152/193) cm wide.
A/P & LAL Times	Variable: A/P (1 ~ 99 Minutes.), LAL (1 Min ~99 hrs.).	76"/80"/84" (193/203/213) cm long mattresses.
Dimensions (LWH) / Weight	12" x 11" x 5.5" (30cm x 28cm x 14cm) / 10 lbs. (4.5 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 Bariatric Patients, Auto Pressure Sensing, 1000 lbs. (455 kg.).	Standard 360 lbs. (160 Kg.), Bariatric 361 lbs. (161 Kg.) to 1000 lbs. (455 Kg.).
Safety Agency Approvals	 ETL LISTED CONFORMS TO UL STD 2601-1 <small>2003311</small> CERTIFIED TO CAN/CSA STD C22.2 NO. 601.1 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: 
Warranty	One year limited, parts and labor.	One year limited, parts and labor.

Call or visit our website for interface pressure map.



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