

# PRESSUREGUARD® APM

Air/Foam Alternating Pressure Mattress System



## The Geo-Matt® Difference



Just how much does the topper's patented\* Geo-Matt® design really add to the PressureGuard APM? Plenty.

Ventilated throughout by the exclusive Ring-of-Air®, its zoned, segmented design creates a clinically effective therapeutic surface that makes the Geo-Matt overlay the #1 foam overlay sold in US hospitals.

Such a clinically effective surface, in fact, that the Geo-Matt overlay was documented to be as effective as a powered low air loss surface for pressure ulcers through stage II.<sup>1</sup>

Such a clinically effective surface, we wouldn't think of building our PressureGuard APM without it.

<sup>1</sup> "Seeking Quality Care for Patients with Pressure Ulcers," Aileen Day, RN MS, OCN and Francis Leonard, RN, MSN, OCN; *Decubitus*, Jan. 1993.

\*Geo-Matt® products are covered by one or more of the following United States Patents: 4,862,538; 5,025,519; 5,252,278; and 5,580,504.

## Unique design makes it your best value in powered support surfaces.



Other APMs create extreme pressure gradients between inflated and deflated cylinders. But the PressureGuard APM is different. It features an integrated foam shell that surrounds and encapsulates the air cylinders, adding benefits that can't be duplicated by air-only products. The shell's two-part perimeter bolster system provides stability when the user is sitting or transferring. On top, the Geo-Matt® anti-shearing surface forms a comfortable, therapeutic interface between the cylinders and the user.

It absorbs and smoothes sharp pressure drop-offs that other surfaces can't, while the air system does the "heavy lifting" below, alternating weightbearing across the surface in 10 minute cycles. Together, they yield unmatched stability and comfort for the user, cost-effective ulcer treatment for the provider.

Recognized by SADMERC under Medicare code E0277

ERGOCHECK® computerized pressure mapping confirms outstanding pressure distribution and low average interface pressures.

Subject	Average interface pressure overall	Average interface pressure at heel
Female, 5'2" tall, 115 lbs.	9.5	<10
Male, 5'10" tall, 170 lbs.	10.4	<10
Male, 6'1" tall, 240 lbs.	11.9	<10

All values are in mm Hg.



# APM SPECIFICATIONS

Firmer perimeter bolsters gently prompt patient toward center of bed without awkward buildups that obstruct entry and egress. Facilitates safer transfers and stable edge-of-bed sitting.



Shaped, slotted inner bolsters and topper's underside arches work in concert to cradle and surround air cylinders. Interlocking, integrated design provides flexible, progressive support and maximizes structural integrity.



Clinically-proven Geo-Matt® design creates a unique, anti-shearing top surface. 800 individually-responsive cells in distinct head, torso, and foot zones enhance therapeutic support and comfort.



Integrated side flap with Velcro® closure allows easy access to quick-connect ports.



Exclusive Heel Slope™ feature redistributes load to pressure-tolerant lower legs and calves. Subtle taper reduces heel pressures while providing complete foot support.

Standard vapor barrier cover fabric has ultra-low moisture vapor transmission (MVT) rate. Fluid-proof coated nylon fabric is easily cleaned, bacteriostatically treated, anti-fungal, anti-static and meets Cal 117 and NFPA 701 flammability requirements. Optional stretch fabric cover also available.

Every air system is thoroughly inspected and tested prior to shipment to ensure proper inflation level and maximize performance in the field.

## COVER CLEANING

Wipe clean with neutral suds. Approved cleaning agents include germicidal phenols and quaternary ammonia. Avoid the use of bleach.

## FOAM

Premium, combustion-modified foam conforms to NFPA 101 small scale and Cal 117. FireGuard versions also available to conform to 1997 NFPA 101 (Life Safety Code) and Cal 129.

## PUMP

120 Volts  
60 Hertz  
14 Watts  
Conforms to UL 544

## WARRANTY

Guaranteed against defects in materials or construction for 18 months. Consult full product warranty for details.

## WEIGHT LIMIT

350 pounds. Custom sizes also available for wider bed frames.

## WEIGHT

Approximately 20 pounds (mattress only), pump weight 6 pounds.

Model No.	Dimensions
5184-13	35" x 84" x 7"
5180-13	35" x 80" x 7"
5175-13	35" x 75" x 7"

Span-America's PressureGuard® APM is part of our comprehensive line of specialty devices for pressure management and patient positioning. For a copy of our complete catalog, including a Support Surfaces Selection Guide, or more information on a specific product, please contact us at **1-800-888-6752**.

**SPAN-AMERICA**  
MEDICAL SYSTEMS, INC.