

AIROS 8 Sequential Compression Device

High-Performing 8-Chamber Device For Upper & Lower Extremity Treatment

The FDA-cleared AIROS[®] 8 Sequential Compression Device is an advanced compression therapy device utilized for the treatment and management of lymphedema and venous insufficiencies. The device provides effective intermittent pneumatic compression (IPC) therapy for both the upper and lower extremities.

The AIROS 8 features two main therapy modes – Gradient Mode and Pressure Mode – that provide gradient sequential compression. The device provides cycles of compressed air at certain adjustable pressures to increase blood flow and encourage extracellular fluid clearance. When utilizing the Pressure Mode, the pressure in each chamber can be individually adjusted to accommodate different therapy needs.

Overview & Features

Regulatory Clearances:

FDA 510(k) & Medicare (HCPCS Code E0652); also reimbursable through commercial insurance

Usage Tracking:

Built-in timer records total usage time to measure patient compliance

Easy Operation:

Large, clear LCD screen and one-button operation for starting and stopping therapy

Physical Benefits:

Reduce pain and swelling, increase blood flow, move lymphatic fluid

Various Sizes of Comfortable

Garments: Over 10 garments for lower extremity treatment and 6 garments for upper extremity treatment, including arm/shoulder/chest (NOTE: Not available for use with double extra wide leg or pants garments. These garments must be used with the AIROS 8P device)

Lymphedema Preparation

Treatment (LPT) Modes: Optional Clearing Mode (mimics lymphatic drainage) or Focal Mode (fibrotic tissue relief) can be used before main Gradient Mode or Pressure Mode therapy

Powerful Vacuum: Air is quickly vacuumed from the garment after therapy is completed to assist in garment removal



Additional Features for AIROS 8P Model

- ✓ **Universal Electric:** The AIROS 8P Model features 100-240 VAC, 50/60Hz electrical rating, which allows the device to be used anywhere in the world.
- ✓ **Peristaltic Mode:** The Peristaltic Mode provides a wave-like feeling to the patient, as the pressure is not held in all chambers throughout a cycle of treatment. Some lymphedema therapists prefer this type of therapy for patients with upper extremity swelling.

The user can set the starting pressure in Chamber 1 near the hand. Pressure decreases at a fixed 4% gradient distally to proximally. Chambers 1 through 3 first inflate to their target pressures sequentially and hold. Then Chamber 1 deflates, relieving pressure near the hand and wrist, and Chamber 4 inflates to its target pressure and holds. This process continues as the 8 chambers are inflated moving up the extremity.

NOTE: The AIROS 8P must be used for the pants garments which are prescribed for truncal swelling, and some of the larger sized leg garments.



AIROS 8/8P
Instructions for
Use Guide (PDF)

AIROS 8P Sequential Compression Device

8-Chamber Model for Use with Peristaltic Mode, Truncal Treatment & Larger Leg Garments

The AIROS 8P model is based on the AIROS 8 device and provides all the same therapeutic benefits and most technical characteristics. The main difference is that the 8P features a third primary operating mode, the Peristaltic Mode, for use with Arm and Arm plus garments (upper extremity only).



AIROS 8/8P Garment Use Reference Guide

Garment Type	AIROS 8	AIROS 8P
LOWER EXTREMITY		
8-SL, 8-SWL, 8-SXWL	YES	YES
8-SDXWL	NO	YES
8-ML, 8-MWL, 8-MXWL	YES	YES
8-MDXWL	NO	YES
8-LL, 8-LWL	YES	YES
8-LXWL	NO	YES
UPPER EXTREMITY		
8-MA, 8-LA	YES, GRADIENT MODE/PRESSURE MODE ONLY	YES, GRADIENT, PRESSURE OR PERISTALTIC MODE
8-APL, 8-APLP, 8-APR, 8-APRP	YES, GRADIENT MODE/PRESSURE MODE ONLY	YES, GRADIENT, PRESSURE OR PERISTALTIC MODE
TRUNCAL (PANTS)		
8-SP, 8-SPXL, 8-SPXXL, 8-MP, 8-MPXL, 8-MPXXL, 8-LP, 8-LPXL, 8-LPXXL	NO	YES

AIROS 8/8P Specifications & Information Comparison

Model	AIROS 8	AIROS 8P
Dimensions	10.2"W x 10.5" D x 4.3"H	10.2"W x 10.5" D x 4.3"H
Weight	6.7 lbs.	6.7 lbs.
Electrical	120 VAC, 60Hz, 100VA MAX (USA Only)	100-240 VAC, 50/60Hz, 100VA MAX (USA & International)
Primary Operating Modes	2 (Gradient Mode and Pressure Mode)	3 (Gradient Mode, Pressure Mode and Peristaltic Mode)
Secondary Lymphedema Preparation Treatment (LPT) Modes	2 (Focal Mode and Clearing Mode)	2 (Focal Mode and Clearing Mode)
Pressure Range Setting (Primary Operating Modes)	30-80mmHg (increments of 1mmHg)	30-80mmHg (increments of 1mmHg)
Cycle Time (Inflation) Setting	Gradient Mode and Pressure Mode: 40 or 60 seconds	Gradient Mode and Pressure Mode: 40 or 60 seconds Peristaltic Mode: No setting
Therapy Time Setting	15, 30, 45 or 60 minutes	15, 30, 45 or 60 minutes
Device Warranty	3 years	5 years
Error Indicators	3	3
Air Blocker (Unilateral Therapy)	1 included	1 included