

ACTIVE COMPRESSION SYSTEM

Flowtron ACS900



CONVENIENT, COMFORTABLE AND CLINICALLY PROVEN VTE PREVENTION

**Reduce the risk of VTE in your facility
with the Flowtron® ACS900 pump**

Featuring SmartSense™ 2 automatic garment recognition and compliance monitoring technology

arjo

A smart system designed to solve challenges in the clinical setting



Smart and adaptive

Automatic garment recognition, together with one-button start, make Flowtron a true plug-and-play solution that is easy to set up and operate. Reducing the need for user intervention by automatically identifying garments connected and setting the correct compression profile — for safety and efficacy.^{1,2,3}



Compliance monitoring

Intuitive on-screen compliance monitoring, recording and displaying actual therapy as well as non-compliant time in an accurate manner. Alerts the caregiver upon garment removal to aid compliance, and facilitates tracking and documentation of IPC therapy.^{4,5}



Alarms and indicators

Advanced alarms, including visual indicators allowing operation to be clearly seen from any direction, and real-time pressure indication designed to limit the risk of operator error and potential patient harm — for safety and caregiver peace of mind.³



Quiet operation

QuietConcept™ noise reduction technology significantly reducing pump noise to minimize patient and caregiver disruption. Allowing the ACS900 to deliver therapy in a quiet manner across all garment types, contributing to a quieter care environment.⁶



Visit
www.arjo.us/vte
for more
information



Complete range of garments

A wide variety of garment types and sizes ensuring effective and comfortable therapy for all patients and clinical needs.^{3,7,8} The system allows for any combination of foot, calf, and calf-and-thigh garments to be used simultaneously.



Durable and energy efficient

VTE prevention around the clock* with SmartEnergy™ enhanced power management ensuring uninterrupted calf therapy for a minimum of 24 hours when the pump is not connected to a power outlet.⁹ SmartEnergy also contributes with reduced power consumption, CO₂ emissions and cost.¹⁰



Fixed tubesets

Ready for therapy at all times with fixed tubesets preventing disconnection and loss of tubing, hence eliminating the inconvenience and cost of replacements.³



Integrated cable management system

Integrated cable management system aiding tubeset and power cord management in the clinical area and during storage/transportation, promoting caregiver convenience and patient safety.^{2-4,11}



Flowtron ACS900 pump

Model	Product code	Tube length
ACS900	526000-01	Standard length tubeset (7 ft)
ACS900	526000-02	Extended (OR) length tubeset (13 ft)

Specification	ACS900
Type of compression	Uniform or Sequential calf, calf/thigh, foot
Set pressure	
Uniform:	40 ± 5 mmHg
Sequential:	45 ± 5 mmHg
Foot:	130 ± 10 mmHg
Compression cycle	
Calf or calf/thigh:	12 sec. inflation; 48 sec. deflation
Foot:	3 sec. inflation; 27 sec. deflation
Battery type	14.4V, 2600mAh. Lithium Ion pack
Power	100V-230V, 50-60Hz, 10-40VA
Pump size	9.1" x 8.9" x 7.7"
Weight	8.5 lbs

Accessories
Wall mount Product code: 526366
IV pole mount Product code: 526359



Flowtron garments

Compression type



Sequential



Uniform

Sizing



Small



Medium



Large



Flowtron Uniform garments

Application	Product code	Size	Measurement
	DVT5		≤ 14 in
	DVT10		≤ 17 in
	L501-M		≤ 17 in
	DVT20		≤ 23 in
	DVT60L		≤ 32 in
	DVT30		≤ 28 in
	L503-M		≤ 28 in
	DVT40		≤ 35 in
	FG100		US (M) ≤ 7 US (F) ≤ 9
	FG200		US (M) ≥ 7.5 US (F) ≥ 9.5



Flowtron Tri Pulse garments

Application	Product code	Size	Measurement
	TRP10		≤ 17 in
	TRP20		≤ 23 in
	TRP60L		≤ 32 in
	TRP30		≤ 28 in
	TRP40		≤ 35 in

Application



Foot



Calf



Thigh



X-large, bariatric

References

1. Arjo Data on File: Customer Acceptance Test (CAT) Report 100035688. June 2015.
2. Arjo Data on File: Functional Test Report 100035587. December 2019.
3. Busby J, Holst K, Hansson K. User feedback on the Flowtron® ACS900 pump and Tri Pulse garment range. Arjo Whitepaper. June 2021. Arjo.A00491.1.O.INT.EN.
4. Arjo Data on File: Compliance Monitoring Test Report 100126883. November 2021.
5. Arjo Data on File: Summative Evaluation Report (SER) 100116863. November 2021.
6. Arjo Data on File: Audible Test Report 100127045. ACS900 MLU. Acoustic Noise Testing of Medical Pumps. Southwest Research Institute. November 2021.
7. Ellis J. The textile properties of Deep Vein Thrombosis (DVT) garments: a factor in patient compliance with Intermittent Pneumatic Compression (IPC) systems. Arjo Whitepaper. March 2019. Arjo.A00096.1.O.INT.EN.
8. Arjo Independent Test Data on File. Tri Pulse: water vapour resistance, thermal resistance (single plate method), drying time, liquid wicking rate and water vapour permeability testing. September 2019. Test report E-008677/C.
9. Arjo Data on File: Battery Study Report 100127047. ACS900 MLU. November 2021.
10. Arjo Data on File: Electrical Efficiency Measurements Report 100127046. ACS900 MLU. November 2021.
11. Arjo Data on File: Summative Usability Validation Report 100035519. December 2014.