

Flowtron® ACS900

ACTIVE COMPRESSION SYSTEM



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

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 concordance, 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 minimise 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.com/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 outlet⁹. SmartEnergy also contributes with reduced power consumption, CO₂ emissions and cost¹⁰.



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}

*Calf: >24h / Thigh: >18h / Foot: >9h. **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.A00096.1.0.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.



Flowtron ACS900 pump

Model	Type	Tube length
ACS900	Standard	2.1m/7ft
ACS900	OR (Operating Room)	4.0m/13ft









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	
Uniform/Sequential:	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	H230 x W226 x D196mm / 9.1 x 8.9 x 7.7in
Weight	3.8kg/8.5lb

Accessories

	Wall mount Item ref: 526366		IV pole mount Item ref: 526359
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Flowtron DVT garments

Application	Item ref	Size	Measurement
	DVT5	S	≤ 36cm/14in
	DVT10	M	≤ 43cm/17in
	DVT20	L	≤ 58cm/23in
	DVT60L	XL	≤ 81cm/32in
	DVT30	M	≤ 71cm/28in
	DVT40	L	≤ 89cm/35in
	FG100	S-M	US (M) ≤ 7 US (F) ≤ 9 EU ≤ 40 UK ≤ 7
	FG200	L-XL	US (M) ≥ 7.5 US (F) ≥ 9.5 EU ≥ 41 UK ≥ 7.5



Flowtron Tri Pulse garments

Application	Item ref	Size	Measurement
	TRP10	M	≤ 43cm/17in
	TRP20	L	≤ 58cm/23in
	TRP60L	XL	≤ 81cm/32in
	TRP30	M	≤ 71cm/28in
	TRP40	L	≤ 89cm/35in



Flowtron Garments

Compression type



Sequential



Uniform

Application



Foot



Calf



Thigh

Sizing



Small



Medium



Large



X-large, bariatric