



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







Flowtron DVT garments

Application	Item ref	Size	Measurement
	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

Arjo.A00558.1.0.AU.EN - Flowtron ACS900 Pump Spec sheet 2022. Only Arjo designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by Arjo. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice.

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 security 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 security 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

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.A00491.1.0.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.



Visit
www.arjo.com.au/solutions/vte-prevention-solutions
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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 security.^{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.