

FLOWTRON EXCEL

ARJO HUNTLEIGH



...with people in mind

The FLOWTRON® Excel system is a clinically effective, non-invasive, mechanical prophylaxis system designed to reduce the incidence of Deep Vein Thrombosis (DVT) during all types of major surgery including orthopedic, trauma, urological and general surgery. It is also suitable for other patient groups including neurology, critical care, general medical and obstetrics.

By providing compression to a limb via calf or thigh length garments, it increases blood velocity in the deep veins, reduces stasis¹ and stimulates fibrinolysis² – the body's natural method for preventing and breaking down clots.

Flexibility

- Single leg option offers the flexibility to use one garment
- Comprehensive range of calf and thigh length garments, in standard, large, and bariatric sizes provide a choice to the clinician and ensures correct sizing to deliver effective compression
- Pressure regulator dial gives the option to adjust the compression pressure, if required

Simplicity

- Lightweight pump design and integrated bed mount promote easy handling and convenient placement on the bed, table or stretcher
- Simple and secure snap-lock connection of garments to the pump prevents accidental disconnection, yet promotes easy set up
- Easy to apply garments with hook and loop closures ensure snug fit and simple adjustment to different leg shapes

Safety

- Clearly visible illuminated LED display shows actual pressure delivered to the limb for easy checking
- Intelligent audible and visual alarm features identify true alarm conditions, minimize disruption, and allow fast and easy troubleshooting
- Easy clean, anti-kink tubing can be extended for convenient and safe pump positioning





Comfort and Compliance

- Quiet, vibration free pump minimizes disturbance and encourages patient compliance
- Lightweight, breathable fabric garments ensure comfort and help prevent the build up of heat and moisture
- Easily identifiable garments provide a visual check to ensure compliance with the patient's prescribed method of DVT prophylaxis

Service and Support

- Tailored product support education programs delivered by trained Product Specialists
- Published clinical studies demonstrating blood flow augmentation and impeccable clinical outcomes

Clinical studies utilizing the ArjoHuntleigh FLOWTRON® System for DVT prophylaxis have consistently yielded DVT rates less than 4% in high-risk patient populations, while achieving high nurse and patient satisfaction.

Technical Specifications

Size	3.5 x 10.5 x 4.5 inches (8.9 cm x 26.7 cm x 11.4 cm)
Weight	5.5 lbs (2.5 kg)
Power	120 v, 60 Hz, 14 Watts
Pressure range	30–60 mmHg
Suggested therapeutic setting	40 mmHg

Ordering Information

Code	Product Description	Quantity per Carton
AC550	FLOWTRON Excel Pump (with tubing connector assembly)	1 pump
DVT10	Standard Calf Garment (up to 17" [43 cm] calf circumference)	1 pair
DVT20	Large Calf Garment (up to 23" [58 cm] calf circumference)	1 pair
DVT60	Bariatric Fit™ Calf Garment (up to 28" [71 cm] calf circumference)	1 pair
DVT30	Standard Thigh Garment (up to 28" [71 cm] thigh circumference)	1 pair
DVT40	Large Thigh Garment (up to 35" [89 cm] thigh circumference)	1 pair
L550	Tubing Connector Assembly (60" [1.52 m] in length)	1 pair
L552	Long Tubing Connector Assembly (120" [3.04 m] in length)	1 pair

Automatic Cycle Time

- 12-second inflation period for venous emptying and 48-second deflation period to ensure venous refill

Recommendations for Use

- The Flowtron Excel system should be used during the pre-, intra- and post-phases of surgery
- The system should be used continuously for no less than 72 hours post-operatively or until the patient becomes fully ambulatory
- In the non-surgical patient, the system should be initiated immediately once the risk of DVT formation is identified
- Although not contraindicated, use of anti-embolic stockings beneath the ArjoHuntleigh garments is not recommended

Contraindications

Intermittent Pneumatic Compression should NOT be used in the following conditions:

- Severe arteriosclerosis or other ischemic vascular diseases
- Known or suspected acute deep vein thrombosis or phlebitis
- Severe congestive cardiac failure or any condition where an increase of fluid to the heart may be detrimental
- Pulmonary embolism
- Any local condition in which the garments would interfere, for example:
 - Gangrene
 - Untreated, infected leg wounds
 - Recent skin graft
 - Dermatitis

1. Flam E, Berry S, Coyle A et al (2000) Femoral vein blood velocities with intermittent compression systems: implications for DVT management.

Huntleigh Healthcare Clinical Report

2. Comerota AJ, Chouhan V, Harada RN et al (1997) The fibrinolytic effects of intermittent pneumatic compression. Annals of Surgery, 226 (3); 306-314

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