

ARJOHUNTLEIGH

GETINGE GROUP

FLOWTRON EXCEL

NON-INVASIVE, MECHANICAL
DVT PROPHYLAXIS SYSTEM



...with people in mind

SIMPLE AND EFFECTIVE DVT PREVENTION

The Flowtron® Excel system is a clinically effective, non-invasive, mechanical prophylaxis system designed to prevent Deep Vein Thrombosis (DVT) in health care facilities. The system can be used before, during and after all types of major surgery including orthopaedic, 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, the system increases blood velocity in the deep veins, reduces stasis¹ and stimulates fibrinolysis² – the body's natural method for preventing 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

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, minimise disruption, and allow fast and easy troubleshooting

- Easy clean, anti-kink tubing can be extended for convenient and safe pump positioning

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





Flowtron system range: Flowtron Excel, Flowtron ACS 800 (provides additional foot compression) and DVT garments

Comfort and Compliance

- Quiet, vibration free pump minimises 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 and clinical education programmes delivered by professionally qualified Product and Clinical Specialists
- Wide range of financial options available to meet today's ever changing budget requirements

"The advantages of Flowtron Excel garments are that they are well tolerated by patients, are effective, have no side-effects as the risk of haematoma and bruising are removed, and are highly visible and cost-effective" ³

PRODUCT SPECIFICATIONS

Flowtron Excel / Pump Specification		
Size	133 x 152 x 275 mm (5¼ x 6 x 10¾")	
Weight	2.7 kg (6 lbs)	
Power	230v, 50Hz, 35 VA MAX	
Pressure range	30–60 mmHg (±4 mmHg)	
Suggested therapeutic setting	40 mmHg	
Automatic Cycle Time		
12-second inflation period for venous emptying and 48-second deflation period to ensure venous refill		
Ordering Information		
Code	Product Description	Units/Carton
247003	Flowtron Excel Pump (with tubing connector assembly)	1 pump
DVT10	Standard Calf Garment* (up to 430 mm/17" circumference)	10 pairs
DVT20	Large Calf Garment (up to 580 mm/22¾" circumference)	10 pairs
DVT30	Standard Thigh Length Garment* (up to 710 mm/28" circumference)	10 pairs
DVT40	Large Thigh Length Garment (up to 890 mm/35" circumference)	10 pairs
DVT60L	Extra Large Bariatric Fit™ Calf Garment (up to 813 mm/32" calf circumference)	10 pairs
L550	Tubing connection Assembly (1500 mm/60")	1 pair
L501-M	Standard Calf Garment (up to 430 mm/17" circumference)	10 pairs
L503-M	Standard Thigh Garment (up to 710 mm/28" circumference)	10 pairs

Indications

- The primary application of the *Flowtron* Excel system is for the prevention of Deep Vein Thrombosis (DVT) when combined with an individualised monitoring programme.
- These systems represent one aspect of a DVT strategy; if the patient's condition changes the overall therapy regimen should be reviewed by the prescribing clinician.
- The above are guidelines only and should not replace clinical judgement.

Contraindications

Flowtron Excel system should not be used in the following conditions:

1. Severe arteriosclerosis or other ischaemic vascular diseases.
2. Known or suspected acute Deep Vein Thrombosis (DVT) or phlebitis.
3. Severe congestive cardiac failure or any condition where an increase of fluid to the heart may be detrimental.
4. Pulmonary embolism.
5. Any local condition in which the garments would interfere, including gangrene, recent skin graft, dermatitis or untreated, infected leg wounds.

If you are unsure of any contraindications refer to the patient's physician before using the device.

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
3. Capper C (1998) External pneumatic compression therapy for DVT prophylaxis. *British Journal of Nursing*; 7 (14): 851-854

* Sterilised option available

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