

Cardinal Health™

# Kendall SCD™ 700

## Sequential Compression System



### Product descriptions

The Kendall SCD™ 700 Sequential Compression System (hereby referenced as "Kendall SCD™ 700 series") consists of the controller, the tubing sets (provided with the controller) and single-patient use garments (purchased separately from this controller).

### Indications

#### Leg Compression

The use of the Kendall SCD™ 700 series compression system with leg sleeves is indicated for deep vein thrombosis and pulmonary embolism prophylaxis.

#### Foot Compression

The use of the Kendall SCD™ 700 series compression system with foot cuffs is indicated for deep vein thrombosis prophylaxis

### Contraindications

#### Leg Compression

The Kendall SCD™ 700 series compression system may not be recommended for use with leg sleeve on patients with the following:

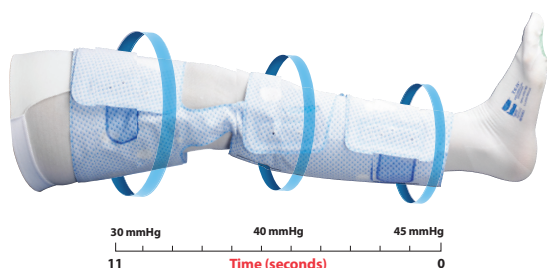
1. Any local leg condition in which the sleeves may interfere, such as: (a) dermatitis, (b) vein ligation [immediate postoperative], (c) gangrene, or (d) recent skin graft.
2. Severe arteriosclerosis or other ischemic vascular disease.
3. Massive edema of the legs or pulmonary edema from congestive heart failure.
4. Extreme deformity of the leg.
5. Suspected pre-existing deep venous thrombosis.

#### Foot Compression

The Kendall SCD™ 700 series compression system may not be recommended for use with foot cuffs on patients with the following:

1. Conditions where an increase of fluid to the heart may be detrimental.
2. Congestive heart failure.
3. Pre-existing deep vein thrombosis, thrombophlebitis or pulmonary embolism.

### Pressure pattern



### Special features

- **The vascular refill detection (VRD)** measures venous refill time and adjusts cycle times automatically. The Controller measures venous refill time of both legs/feet and the measurement is repeated every 30 minutes
- The **Patient Sensing™ Technology** automatically detects if the compression garments are applied to the patient and alerts the nurse if they are removed. (see image below)
- The **Compliance Meter** monitors the amount of time compression therapy is delivered. Operating in combination with the Patient Sensing™ Technology the Compliance Meter accurately communicates the true time therapy that is delivered to the patient. (see image below)
- The controller **recognizes garments** (sleeves or foot cuffs) and automatically adjusts the pressure pattern delivered
- The controller is equipped with an adjustable bed hook which may be used with footboards up to 8,26 cm
- The controller is equipped with a 3,2-inch LCD display for product setup and operation

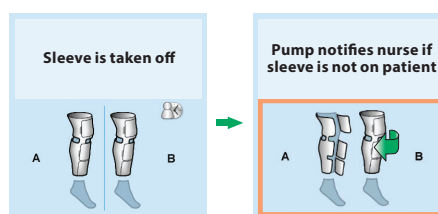
### Fault Conditions and Troubleshooting

If a fault condition occurs the controller interrupts the normal operation, deactivates all valves to vent the air from the garment(s), displays a fault code and sounds an audible error indicator. The Kendall SCD™ 700 integrates **17 error codes** including but not limited to High pressure, Low pressure, tubing disconnection and Low battery (full list on the user manual).

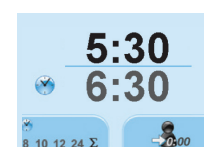
### Cleaning

The Controller and Tubing sets can be cleaned with a soft cloth dampened with water or a mild detergent. Refer to the manual for the full list of cleaning agents and concentrations.

### Patient not detected alert screens (Leg Sleeves)



### Compliance meter



Technical Specifications	Kendall SCD™ 700 Series Compression System
Safety Standards	Built to UL60601-1, CSA C22.2 N0. 60601-1: 2014, EN60601-1, ANSI/AAMI ES60601-1:2005 + AMD 1 (2012) and IEC 60601-1-2:2007 Standards UL Classified File # E351453
Device Classification	(When provided with a 3-prong power cord) Class I - Equipment Internally Powered, Portable Type BF Applied Parts Not AP or APG Equipments  (When provided with a 2-prong power cord) Class II Equipment Internally Powered, Portable Type BF Applied Parts Not AP or APG Equipments
Mode of Operation	Continuous
Compression Cycle	Leg Sleeves: 11 Seconds Compression; Foot Cuffs: 5 Seconds Compression Decompression time based upon Vascular Refill Detection measurement
Set Pressure	Leg Sleeves: 45 mmHg Foot Cuffs: 130 mmHg
Power Cord	4 meters long with region specific appropriate cordage and plug
Controller Dimensions	Height: 17.3 cm Width: 19.6 cm Depth: 11.4 cm (when placed on a foot board) Depth: 18.5 cm (free standing)
Controller Weight	2.3 kg
Power Requirements	100-240 VAC, 50VA, 50/60 Hz
Battery	10.8 V, 2200mAh, Lithium Ion pack Run Time: 6-8 hours Charge Time: 4 hours (charging only)
Shipping Case Dimensions	29.4 cm X 23.5 cm X 33.7cm
Shipping Weight	3.3 kg
Tubing Set	Included, set of two individual assemblies
Operating Conditions	Temperature: 10°C to 40°C Relative Humidity: 85% Maximum, non-condensing Atmospheric Pressure: 700 mbar to 1060 mbar
Transport & Storage	-20°C to 55°C If the user suspects that the environment conditions for transport and storage have been exceeded, return the unit for service.

Product code	Description	Units/ case	
295250	Kendall SCD™ 700 Sequential Compression System - EU version	1	CE 0123
295251	Kendall SCD™ 700 Sequential Compression System - UK version	1	CE 0123
9528	Kendall SCD™ 700 Controller Tubing Assembly, 2,1 m	2	CE
9595	Kendall SCD™ 700 Controller Tubing Extension Assembly, 1,2 m	2	CE

## Product information

**Description:** Provides sequential, gradient, circumferential compression. Measures venous refill time and adjusts cycle times automatically customizing the therapy.

**Compatibility:** The Kendall SCD™ 700 series is designed for use with **Kendall SCD™ Comfort and Express Sleeves and Foot Cuffs.**

**Pressure-pattern:** Setting depends on the type of garment: 45 mmHg for Leg Sleeves; 130 mmHg for Foot Cuffs.

**Compression type sleeves:** Sequential, gradient, circumferential (see diagram on page 1). The controller manages 3 separated chambers each sleeve. (6 chambers in total).

**Compression type foot cuffs:** Uniform. The controller manages 1 chamber each foot cuff.

**Kind of compression:** Alternate.

**Operating with single leg or foot:** Yes.

**Protection against fluid ingress:** spraying water IP23 (EN60529).

**DEHP content:** The controllers (ref. 295250 and 295251) are DEHP free. The tubings (ref 9528 and 9595) contain DEHP.

**Latex content:** No.

**CE marked:** Yes.

### Material

**Controller case:** Sabic Xylex™.

**Tubing set:** PVC.

**Tubing connector:** Plastic ABS.

**Country of origin:** Republic of China.

**Manufacturer:** Cardinal Health.

### Introduction in the market:

Controller 2010.

Tubing set 2005.

**Recycling:** Carton is 100% recyclable.

