Consult the Operation and Service Manual as your warranty may require certain repairs to be performed by an authorized Medtronic service technician.

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Error key for Kendall SCD™ 700 series controller

When the Kendall SCD™ 700 series controller detects a fault condition, it:

- Interrupts the normal operation of the controller
- Deactivates all valves to vent the air from the garment
- Displays a fault code
- Sounds an audible error

Once the error is confirmed, you will be able to reset the device or the device may require service.

Some errors will remain active until you turn off the controller or the battery runs out of charge (if operating on battery power).

The Kendall SCD™ 700 series controller has three error types:

User Resettable, Manual Reset Required, and Service Required

User Resettable

This type of error allows the user to remedy the issue and resume operation by pressing the A and B button(s) corresponding with the port affected without powering the unit down. For this type of error, a check mark will be shown indicating which port is the area of concern. A yellow triangle indicates a low concern error. A red triangle is indicative of an error related to abnormally high pressure. If the error persists, then the controller requires service.

Manual Reset Required

An error that can be corrected by the user but requires the device to be powered off and on. If the error persists, then the controller requires service.

Service Required

Error code is present because of a failed internal component. It cannot be addressed by the user.

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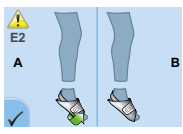
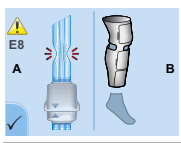
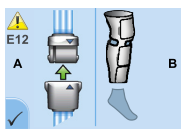
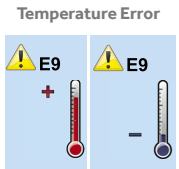
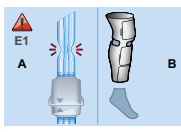
Error code	Error type	Description	Troubleshooting
Garment Mismatch Error	User Resettable	The garment detection procedure has detected a garment configuration (leg or foot flashing green) that does not match the user-selected configuration (leg or foot red).	Press the port configuration button(s) to turn the foot selection on/off depending on what type of garment is connected to the controller. If the proper garment is selected and the problem persists, have the controller serviced by a professional.
High Pressure (Leg Sleeves)	User Resettable	Leg sleeve pressure is greater than 47 mmHg for 10 consecutive cycles; or pressure is above 65 mmHg for 5 consecutive cycles.	Check for a tight leg sleeve and adjust fit appropriately. Also check for a partially occluded tube.
High Pressure (Foot Cuffs) 	User Resettable	Foot cuff pressure is greater than 135 mmHg for 10 consecutive cycles or pressure is above 160 mmHg for 5 consecutive cycles.	Check for a tight foot cuff and adjust fit appropriately. Also check for a partially occluded tube.
Low Pressure (Leg Sleeves)	User Resettable	Leg sleeve pressure is less than 43 mmHg for 10 consecutive cycles.	Check for leaks in the sleeve or the tube connections.
Low Pressure (Foot Cuffs)	User Resettable	Foot cuff pressure is less than 125 mmHg after 10 consecutive cycles.	Check for leaks in the cuff or the tube connections.
Low Pressure (Leg Sleeves)	User Resettable	Leg sleeve pressure is not between 35–55 mmHg for 12 consecutive cycles	Check for leaks in the sleeve or the tube connections.
Low Pressure (Foot Cuffs)	User Resettable	Foot cuff pressure is not between 110 and 150 mmHg for 12 consecutive cycles.	Check for leaks in the cuff or the tube connections.
Vent Error 	User Resettable	The pressure in a garment is greater than 20 mmHg at the end of any vent period.	Check tubing for kink or occlusion. Check garment application (too loose or tight). Service technician only: Check for kinked internal tubing.
Tubing Disconnect Error 	User Resettable	Pressure measured in the inflatable garment is below 10 mmHg for 10 consecutive cycles or no garments are detected during startup.	Check for disconnected tube sets or garments and reconnect.
Valve Feedback Error	Service Required	If a valve electrically malfunctions, this error will be displayed.	Service technician only: Verify that the valve assembly wires are properly connected and confirm solenoid actuation.
Software Error	Service Required	Upon startup and periodically during operation the microprocessor performs diagnostic tests. If a software error is detected, this error will be triggered.	Return to Medtronic for service.
Compressor Error	Service Required	If the compressor electrically malfunctions, this error will be displayed.	Service technician only: Verify that the compressor wires are properly connected.
Battery Error	Service Required	Safe battery operation of the controller cannot be ensured.	Service technician only: Ensure that an unauthorized battery pack has not been used with the controller. Replace pack or return to Medtronic for service.
Pressure Transducer Error	Service Required	The system could not sense a pressure rise of more than 5 mmHg during an inflation cycle or during start up.	Service technician only: Check the transducer tube inside the controller and ensure it is neither kinked nor disconnected.
Temperature Error 	Manual Reset Required	If the internal case temperature of the controller drops below 5 C (41 F) or exceeds 55 C (131 F).	High temperature: Make sure the controller is not covered by bedding and that the fan port, located near the power cord, is not obstructed. Low temperature: Allow the system to warm to room temperature.
System High Pressure Error 	Manual Reset Required	System pressure has exceeded 90 mmHg (leg sleeve) or 180 mmHg (foot cuff).	Check for kinked tubes or patient interference with the garments, like pressing foot against foot board.
Low Battery Error	Recharge Battery	There is less than 15 minutes of battery charge remaining. The pump and valves will continue to operate for as long as there is enough power.	Plug the controller into an AC power outlet.

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