



Document Description: TSB-LXi_ESD_BRAUN INTERFACE PCBA	Document Number: 20014016 Version: A
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Technical Service Bulletin

Product:	SPOT LXi 4500 with Braun Thermometer	Date:	2015-07-01
Subject:	LXi-ESD_BRAUN INTERFACE PCBA		
HW Version(s) Affected:	45NE0, 45ME0, 450E0	SW Version(s) Affected:	All
Serial Numbers Affected:	All	Lot or Date Code Affected:	N/A
Classification:	Informational Only		
Distribution:	<input checked="" type="checkbox"/> Customer Care <input checked="" type="checkbox"/> Product Service <input checked="" type="checkbox"/> Field Service <input checked="" type="checkbox"/> ASPs <input type="checkbox"/> Distributors <input type="checkbox"/> Customers <input checked="" type="checkbox"/> Company Confidential		
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Training Required:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Summary:	The previous Braun interface PCBA: 410008 / PCA, BRAUN INTERFACE, SPOT ULTRA, RoHS, is being replaced by: 410390 PCA, BRAUN INTERFACE, SPOT LXI, RoHS ESD.		

Issue:	When the Braun interface pins in the Spot LXi cradle experience an Electro-Static Discharge (ESD) event, the PCBA can be damaged, specifically a MOSFET transistor is damaged. This causes the Braun thermometer to not transfer the temperature data to the Spot LXi. Part Number 410390 / PCA, BRAUN INTERFACE, SPOT LXI, RoHS ESD replaces the MOSFETs not protected against ESD with ESD protected MOSFETs which prevents this failure mode.
Service Strategy:	If the Braun thermometer is not able to transfer data to the Spot LXi after a shut down and restart process, then the interface PCBA is damaged and the 410008 / PCA, BRAUN INTERFACE, SPOT ULTRA, RoHS will need to be replaced.

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Required Materials:	410390 PCA, BRAUN INTERFACE, SPOT LXI, RoHS ESD
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Version	Sec, Pg, Para Changed	Change Made	Date Version Created	Version Created By (initials)
A	N/A	Initial Release	2015-06-05	SMB

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