

Certificate of Volatility				
Model: PTC10, CTC100	Part Number:	Manufacturer: Stanford Research Systems		
		Street Address: 1290-D Reamwood Ave		
		City: Sunnyvale	State: CA	Zip: 94089
Item Nomenclature:	Programmable Temperature Controller, Cryogenic Temperature Controller			
Volatile Memory				
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):				
Type (SRAM, DRAM, etc.): SDRAM	Size: 512 MB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Instrument operating memory	Process to Clear: Turn off power
Type (SRAM, DRAM, etc.):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear:
Type (SRAM, DRAM, etc.):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear:
Non-Volatile Memory				
Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):				
Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 32 MB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Stores instrument firmware and user settings.	Process to Clear: See Additional Information, below
Type (BBRAM, Flash, EEPROM, etc.): Internal clock	Size:	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Keeps track of current time and date.	Process to Clear: Press Setup key and touch System tab. In the "Other" column, set Time and Date.
Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear:
Media				
Does the item contain media storage capability (i.e., removable or nonremovable disk drives, tape drives, memory cards, etc.)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):				
Type (Disk, Tape, etc.): USB flash drive Removable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Size: 512 MB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Holds user programs, sensor calibration curves, and log files	Process to Clear: Remove USB memory device and re-format it in a PC.
Type (Disk, Tape, etc.): Removable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear:
Type (Disk, Tape, etc.): Removable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Process to Clear:
Additional Information: To clear non-volatile memory: (1) (PTC10 only) ensure that all I/O cards to be cleared are installed in the instrument; (2) reset the instrument to factory settings by pressing the Setup button, then selecting the System tab, Reset, All; (3) re-flash the firmware by copying SRS-provided firmware files onto USB storage media and plugging the media into the PTC10 or CTC100.				
Vendor/Manufacturer Representative Information				
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