

IS_00042 Fiber Dust new functionalities upgrade

Titolo - Reference

А

Scopo

Purpose of this service instruction it to explain the procedure to perform HW and/or FW/SW upgrade on the Fiber Dust laser system of the new functionalities available from the following FW and SW versions (and later):

FBF000070.02	Firmware Laser Fiber Dust
FBS000044.02	Software Laser Fiber Dust
FBF000071.02	Firmware Power Button TFL

Possible upgrading that can be executed on the field are:

1. FW/SW upgrading:

- Substitution of the power-button board with preloaded FW
- Laser FW and SW upgrading
- Bypass of the fiber microswitch

Descrizione Attività



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1. FW/SW upgrading					
1.1 Substitution of the power-button board with preloaded FW					
Substitute Power-Button board (EAQ001840.00) provided by Quanta System Serv firmware FBF000071 already programmed (Service Kit P/N: EAM002220.00).	rice Dept, with				
 Open the covering panel unscrewing the 4 screws on the back of the dispositive. Substitute the old Power-Button board removing the 4 screws and install the new Connect the cables. Close the covering panel. 	v one.				
<image/>					
 1.2 Laser FW and SW upgrading Upgrade the laser FW (FBF000070) following the procedure described in the relevent the Fiber Dust Service Manual DGM001482. Run "Fiber-Dust Patch Update.exe", provided by Quanta System Upgrade the laser SW (FBS000044) following the procedure described in the relevent the Fiber Dust Service Manual DGM001482 and in the service instruction IS_000: 	vant Section of vant Section of 15 -				

SW_Upgrade-Service-Procedure



Istruzione di Service Service Instruction





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- Enter in	the "General Paran	neters" menu	and change the paramet	ter in "0" (ZERC)):
			GeneralParameters		~
Power 10,000 W Pulsewidth 0 Prequency 10 Hz Energy 1,000 J - + 3 Resding 4 000W, Fhd ⁻ 0.00W	Bours Type Bours Type Bours Type Product The Product Type Product Type Product Type Product Type Tol Tol	Clear CRC32 error Load Config Export To TXT Simulation OFF Close STANDBY OFF READY	Footswitch Type Source Type Phd Integration Time Dinamic Threshold Frequency Threshold Power Button Presence Proximity Threshold T Min T Max Power Max Thermistor R25 Thermistor beta Charger Voltage Max Charger Voltage Threshold Source Interlock Autostandby time	DoubleEmission 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
			Serial Number > Phd Mode 0 > Phd Mode 1 > Phd Mode 2 ReservedFWParam_0 ReservedFWParam_1	Phd Off.:0, Cal.:(Phd Off.:0, Cal.:(Phd Off.:0, Cal.:(0 0); Phd' Off.:0, C); Phd' Off.:0, C); Phd' Off.:0, C

Rev.	Data - Date	Breve descrizione della revisione - Brief description of changes			
Α	15/10/2021	Document release - PCC#210524TD			
Wr	itten by	Function	Approved by	Function	
A.	Luoni	TD	V. Santagostino	Service	
Dat	ta - Date	Firma - Signature	Data - Date	Firma - Signature	
08/	10/2021		08/10/2021		