

FMU-231 B Focal One probe installation checklist

System S/N:	 Probe S/N:	
Installation site:	 Call or service report #:	NA

If needed, please refer to the procedure INS-367 for more details.

1.	PROBE PARAMETERS.				
N°§	CONTROL	PASS	FAIL	COMMENTS	
12.2	Power connector 'VPC' inserts easily in the socket. Lock is smooth and easy.	\boxtimes			
12.3	Ultrasound connector inserts easily in the socket. Lock is smooth and easy.				
12.4	Treatment probe adapts correctly without forcing onto its support.				
12.5	Holding pin correctly locks the probe each time.				
12.6	Focal Pak connectors are easy to connect.				
12.7	Go to technical file, all values between software and data sheet are the same.				
WARNING: The probe temperature must be at 13°C (+/- 1°C) during the whole calibration process.					
12.14	Probe is correctly calibrated.				

2.	POWER						
N°§	CONTROL			PASS	FAIL	COMMENTS	
	Go to Mainten Click on Use P Click on Start Once the trajec	ance, Firings and robe Power coeffs Cooling and once t ctory is complete, fil Firing number	Power tab. Clie and then, clic he probe temp I the following t Focal	ck on Open traject k on Send trajecto erature is lower tha table: Watts per channel	ory and select ry to generate In 13.5°, Exect Total of watts	PM trajector. The the traj	t ory.prm file. ectory . Watts into "Pact_Load (W)" columns
		1	32	1	16		
		2	37	2	32		
13.5		3	42	3	48		
		4	47	4	64		
		5	52	5	80		
		6	57	6	96		
		7	62	7	112		
		8	67	8	128		
		9	72	9	144		
		10	NAT	10	160		
13.6	Shots are within tolerance.						



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3. 3D MEASUREMENT

Start FOneTherapy software. Connect to EDAP hospital.

Use protocol 91 and FocalPak number 223Y T5N5.

Use the circle tool with lead balls and membrane. When U/S image is available, do all the measurement.

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
14.1	X real (apex – base) X measured	mm mm(<2 mm)			
14.2	Y real (anterio – posterior) Y measured	mm mm(<2 mm)			
14.3	Z real (left – right) Z measured	mm mm(<2 mm)			
14.4	Software detects rectum automatically.				

4.	TREATMENT SIMULATION				
WARNING: The probe temperature must be less than 13.5°C during the whole treatment simulation.					
N°§	CONTROL	PASS	FAIL	COMMENTS	
Area 1Block 1slices 1 to 5:12 lesions, focal 32 & 37 only.Area 1Block 2slices 6 to 10:12 lesions, focal 32, 37, 42 & 47 only.					
15.4	Treatment area is correctly defined.				
15.5	Lesions are correctly displayed.				
15.6	Endo-rectal probe moves to the next slice.				
15.7	Localization process is successfully completed.				
15.8	Endo-rectal probe moves from lesion to lesion.				
15.9	Treatment area is successfully completed.				
Area 2Block 1slices 1 to 5:12 lesions, focal 32, 37, 42, 47, 52 & 57 only.Area 2Block 2slices 6 to 10:12 lesions, all focal points.					
15.10	Treatment area is correctly defined.				
15.11	Lesions are correctly displayed.				
15.12	Endo-rectal probe moves to the next slice.				
15.13	Localization process is successfully completed.				
15.14	Endo-rectal probe moves from lesion to lesion.				
15.15	Treatment area is successfully completed.				

Date:	Date:	Date:		
Signature:	Signature:	Signature:		
CUSTOMER	FSE	SERVICE MANAGER		

Once complete, please send this document to **ccc@edap-tms.com** with all documents and data which might be helpful: <u>all txt calibration files + ProbeCalibListing.txt + Tech File</u>.