



CALL #: _____	Date: _____
REPORT #: _____	

SERVICE	
INSTALLATION DATE:	_____
ENGINEER:	_____

CUSTOMER INFORMATION	
INSTALLATION SITE:	_____
ADDRESS:	_____
COUNTRY:	_____

DISTRIBUTOR NAME:	_____
PHONE N°:	_____
MAIL:	_____

1. FOCAL ONE® IDENTIFICATION				
1.1	Focal One® serial number:	1.2	Probe 1 S/N:	1.3 Probe 2 S/N: <input type="checkbox"/> NA
	_____		_____	_____

2. SUBASSEMBLIES SERIAL NUMBER					
N°§	Item	Reference	Version*	Serial number*	
2.1	Amplifier	(R) 233360	_____	_____	
	Mot Probe Holder	(R) 901504	_____	_____	
	OR	IPO computer	(R) 236659	_____	_____
		Ecrin computer	(R) 233176	_____	_____
	Cooling system	(R) 901560	_____	_____	
	MEP board	(R) 235403	_____	_____	
	Extension board	(R) 228038	_____	_____	
	OR	Ultraview scanner	(R) 230885	_____	_____
EB2300 scanner		(R) 236150	_____	_____	

*only for first form used or replacement.

3. CONTROL TOOLS				
N°§	TEST EQUIPEMENT	S/N	VALIDITY	COMMENTS
3.1	Voltmeter	_____	_____	_____
3.2	Thermometer	_____	_____	_____
3.3	Inclinometer	_____	_____	_____
3.4	Current clamp	_____	_____	_____
3.5	Load bench	_____	_____	_____

4. INSTALLATION SITE					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
4.1	Conform to installation recommendations.		<input type="checkbox"/>	<input type="checkbox"/>	_____
4.2	UPS is present. If YES, write its maxi power	_____ <input type="checkbox"/> N/A	YES	NO	_____
			<input type="checkbox"/>	<input type="checkbox"/>	
4.3	Circuit breaker (Type D or slow trip) is present. Write the value	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.4	Earth leakage circuit breaker is present. Write the value	_____ (30mA)	<input type="checkbox"/>	<input type="checkbox"/>	_____

5. FUSES				
N°§	CONTROL	PASS	FAIL	COMMENTS
5.1	F1 and F2 are as expected	<input type="checkbox"/>	<input type="checkbox"/>	_____
5.2	F3 and F4 are as expected	<input type="checkbox"/>	<input type="checkbox"/>	_____

6. MAIN FUNCTION				
N°§	CONTROL	PASS	FAIL	COMMENTS
6.1	Secondary screen is enough compensated.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.2	Main screen movement.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.3	3 positions of breaking pedal.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.4	Hexagon's socket set screws.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.5	Cable wipers <input type="checkbox"/> N/A if mobile system	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.6	Tablet's locking system.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.7	Tablet displacement.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.8	Screens movements.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.9	Main power cable.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.10	Ablasonic holder tightening.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.11	Mönninghoff arm's locking system.	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.12	Chassis fans.	<input type="checkbox"/>	<input type="checkbox"/>	_____

7. MANUAL MOVEMENTS.					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
7.1	No hard point during displacement.		<input type="checkbox"/>	<input type="checkbox"/>	_____
7.2	Move manually from one side to another. Record distances:	<ul style="list-style-type: none"> • X = _____ (235mm ±3) • Y = _____ (50mm ±3) 	<input type="checkbox"/>	<input type="checkbox"/>	_____
7.3	No friction between cover and shutter.		<input type="checkbox"/>	<input type="checkbox"/>	_____
7.4	No cables can interfere with movements.		<input type="checkbox"/>	<input type="checkbox"/>	_____
7.5	Probe holder levelled	<ul style="list-style-type: none"> • X = _____ • Y = _____ 	<input type="checkbox"/>	<input type="checkbox"/>	_____

8. FOCAL ONE® SWITCH ON.					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
8.1	Blue LED's.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.2	Switch ON Focal One®, all the auto start is executed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.3	Check powers supplies : <ul style="list-style-type: none"> • Before F1 and after F2 • Before F3 and after F4 • MEP power supply • 12V power supply 	<ul style="list-style-type: none"> • _____ V (Main power ±10%) • _____ V (217V -253V) • _____ V (22.8V - 25.2V) • _____ V (11.4V – 12.6V) 	<input type="checkbox"/>	<input type="checkbox"/>	_____
8.4	LED tape.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.5	Patient movement detector.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.6	External USB connectors.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.7	Touchpad test		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.8	All "Get Init Status" are "OK"		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.9	MEP Analog inputs : "In7 - 3.3 Volts Power Supply" "In8 - 24 Volts Power Supply"	_____ (3.13V-3.47V) _____ (22.8V-25.2V)	<input type="checkbox"/>	<input type="checkbox"/>	_____
8.10	Inspect "Error" file.		<input type="checkbox"/>	<input type="checkbox"/>	_____
8.11	Emergency stop functions		<input type="checkbox"/>	<input type="checkbox"/>	_____

9. PROBE HOLDER ARM.					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.1. ALL AXIS					
9.1.1	Status is "NoMotError" after centering.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.1.2	4 values of "Pos Mot" are 0mm (± 0.2 mm)	X: _____ Y: _____ T: _____	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.1.3	Record backlash values	X: _____ Y: _____ T: _____			
9.1.4	The keypad works well.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.1.5	Theta fan works.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.2. X AXIS (LONGITUDINAL)					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.2.1	Measure the complete displacement from +50mm to -50mm.				
	Software value: Measured value:	____ mm (100 mm) ____ mm (<2mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.3. Y AXIS (TRANSVERSAL)					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.3.1	Measure the complete displacement from +25mm to -25mm.				
	Software value: Measured value:	____ mm (50 mm) ____ mm (<2mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.4. Z AXIS (ACTUATOR)					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.4.1	Measure the complete displacement from +40mm to -40mm.				
	Software value: Measured value:	____ mm (80 mm) ____ mm (<2mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.5. Θ AXIS (THETA)					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.5.1	Request a movement of +70°. Measure displacement.				_____
	Software value: Measured value:	____ ° ____ ° (<2°)	<input type="checkbox"/>	<input type="checkbox"/>	_____
9.6. MANUAL MOVEMENTS					
N°§	CONTROL		PASS	FAIL	COMMENTS
9.6.1	Front right, No interferences between motors board cables and frame. No collision with cover.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.6.2	Back right No interferences between motors board cables and frame. No collision with cover.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.6.3	Back left No interferences between motors board cables and frame. No collision with cover.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.6.4	Front left No interferences between motors board cables and frame. No collision with cover.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.6.5	No friction with top cover		<input type="checkbox"/>	<input type="checkbox"/>	_____



9.7. RANDOM MOVEMENTS

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
9.7.1	No motors errors occur after mechanical origin.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.7.2	Record backlash values before random: X = _____ (<0.3mm) / Y = _____ (<0.3mm) / T = _____ (<0,6°)				
9.7.3	Time start : _____ Time stop : _____ Number of movements : _____				
9.7.4	Open file and check if there is no error during displacement.		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.7.5	No motors errors occurs after mechanical origin		<input type="checkbox"/>	<input type="checkbox"/>	_____
9.7.6	Record backlash values before random: X = _____ (<0.3mm) / Y = _____ (<0.3mm) / T = _____ (<0,6°)				
9.7.7	Difference between before and after random		<input type="checkbox"/>	<input type="checkbox"/>	_____

10. COOLING SYSTEM.

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
10.1	Peltier consumption.	Max: ____ A (27-38A)	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.2	Fans operate and cooling temperature decreases.		<input type="checkbox"/>	<input type="checkbox"/>	_____
10.3	Pump operates.		<input type="checkbox"/>	<input type="checkbox"/>	_____
10.4	Regulation is working.		<input type="checkbox"/>	<input type="checkbox"/>	_____
10.5	Peltier consumption.	____ A (<0.2A)	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.6	Difference between the two PT100.	____ °C.(<2°C)	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.7	Difference between thermometer and mean.	____ °C.(<4.5°C)	<input type="checkbox"/>	<input type="checkbox"/>	_____
10.8	Cooling's fans.		<input type="checkbox"/>	<input type="checkbox"/>	_____



11. ULTRASOUND.

Preventative Maintenance Checklist & Certification

Valid for BK3000, BK3500, BK5000, Flex Focus 1202 series scanners, and Pro Focus 2202 series scanners.



Customer-Information:	
Name:	Department:
Address:	

Scanner-information:			
Type:	Serial-Number:	SW-Version:	
Customer Comments:			
Installation Date:	Previous-Test-Date:	Service-Contract Number:	

Mechanical Diagnostics	Pass	Replaced now	Replace next time	Adjusted	Cleaned	Comments:
Visual inspection:						
Trackball friction:						
Height Adjustment:						
Wheel movement:						
Monitor movement:						
Cables:						
Connectors:						
Keyboard:						

Hardware Diagnostics	Pass	Replaced now	Replace next time	Adjusted	Cleaned	Comments:
Fans:						
Display:						
Boards:						
Power Supply:						

Software Diagnostics	Pass	Replaced now	Replace next time	Adjusted	Values:	Comments:
Boot up time:						
Monitor Checking:						
B-Mode:						
M-Mode:						
Audio-/Spectral Doppler						
CFM						
3D						
Labels						
Measurement						
Touch Screen sensitivity						
Battery Support						
Image Storage						
Remaining disk space						
DVD-/CD						



11.1

Connectivity	Pass	Adjusted	Comments:
External monitor			
Picture-in Picture			
Video input			
Video output			
Sony printing			
Office printing			
Remote control			

Connectivity	Pass	Adjusted	Comments:
Dicom			
Varispeed / Vitesse			
Histoscanning			
Domier			
Network-Drive			

Transducer-Type & Serial number.	Visual Check		Functional Test*		Button Test		Pressure Test		Comments:
	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	
	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	
	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	
	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	
	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	<input type="checkbox"/> P	<input type="checkbox"/> F	

*B-mode, M-Mode, Doppler/power mode, and crystal movement when available.

Electrical Safety Test Record			
Performed by:		Performed date:	
Comments:			

Software handling	Pass	Comments:
Check Hard disk		
Defragment Hard disk		
Check Log files		
Clean up		

Upgrades	Done	New versions			Comments:
Hotline upgrades					
Software patches					
Software upgrades					

Overall			
Performed by:		Signature:	
Date:		Start Time:	End time:
Comments:			



N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS	
11.2	Fans function.		<input type="checkbox"/>	<input type="checkbox"/>	_____	
11.3	IP address Port number	_____ _____	_____			
11.4	Delay	ON: ____ s (100s) OFF: ____ s (30s)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	_____	
11.5	Offset	X: _____ Y: _____	_____			
11.6	Size	X: _____ Y: _____	_____			
11.7	Ultrasound imaging appears		<input type="checkbox"/>	<input type="checkbox"/>	_____	
11.8	Yellow box		<input type="checkbox"/>	<input type="checkbox"/>	_____	
11.9	Active area		<input type="checkbox"/>	<input type="checkbox"/>	_____	
11.10	Exclusion circle coordinates	X: ____ mm Y: ____ mm Radius: ____ mm	_____			
11.11	Screen image is correctly oriented		<input type="checkbox"/>	<input type="checkbox"/>	_____	
11.12	Date and time are correct.		<input type="checkbox"/>	<input type="checkbox"/>	_____	
Parameter checking		Ultraview	EB2300			
11.13	Size	(75%)	<input type="checkbox"/>	<input type="checkbox"/>	_____	
	Dyn Range	(62dB)	<input type="checkbox"/>	<input type="checkbox"/>	_____	
	Pers	(1)		<input type="checkbox"/>	<input type="checkbox"/>	_____
	Resolution:	Only 1 focal point at 25mm.		<input type="checkbox"/>	<input type="checkbox"/>	_____
	Depth	(7.8 or 8cm)	<input type="checkbox"/>	<input type="checkbox"/>	_____	
	Frequency	(7.5MHz)	<input type="checkbox"/>	<input type="checkbox"/>	_____	
	Imaging cell	(6030)	(X12C3E)	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Mi	(1.39/1.50)	(1.2/1.2)	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Gain	(50%)		<input type="checkbox"/>	<input type="checkbox"/>	_____
	TIS	(0.3/4.0Hz)		<input type="checkbox"/>	<input type="checkbox"/>	_____

12. PROBE PARAMETERS.						
12.1	Probe serial number	_____	_____			
N°§	CONTROL	VALUE	PASS	FAIL	N/A	COMMENTS
12.2	Power connector VPC.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.3	Ultrasound connector.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.4	Probe adapts correctly.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.5	Holding pin.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.6	Luer connections.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.7	Correspondence between software and data sheet.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.8	Record "Installation date".	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.9	Total number of shots.	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.10	Total number of treatments.	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.11	Last maintenance date.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.12	Nb of Shots since last maintenance.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.13	Nb of Treatments since last maintenance.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.14	"Calibration state" is "Done".		<input type="checkbox"/>	<input type="checkbox"/>		_____



13. POWER

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS																																																							
13.1	Record amplifier serial number	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____																																																							
13.2	Record COM number	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____																																																							
13.3	Fans consumption	_____ A (2.37A - 2.63A)	<input type="checkbox"/>	<input type="checkbox"/>	_____																																																							
13.4	All wires are connected.		<input type="checkbox"/>	<input type="checkbox"/>	_____																																																							
13.5	Writes totals values on this table.																																																											
	<table border="1"> <thead> <tr> <th>Firing number</th> <th>Focal</th> <th>Watts per channel</th> <th>Total of watts</th> <th>Total of Watts into "Pact_Load (W)" columns</th> </tr> </thead> <tbody> <tr><td>1</td><td>32</td><td>1</td><td>16</td><td>_____</td></tr> <tr><td>2</td><td>37</td><td>2</td><td>32</td><td>_____</td></tr> <tr><td>3</td><td>42</td><td>3</td><td>48</td><td>_____</td></tr> <tr><td>4</td><td>47</td><td>4</td><td>64</td><td>_____</td></tr> <tr><td>5</td><td>52</td><td>5</td><td>80</td><td>_____</td></tr> <tr><td>6</td><td>57</td><td>6</td><td>96</td><td>_____</td></tr> <tr><td>7</td><td>62</td><td>7</td><td>112</td><td>_____</td></tr> <tr><td>8</td><td>67</td><td>8</td><td>128</td><td>_____</td></tr> <tr><td>9</td><td>72</td><td>9</td><td>144</td><td>_____</td></tr> <tr><td>10</td><td>NAT</td><td>10</td><td>160</td><td>_____</td></tr> </tbody> </table>					Firing number	Focal	Watts per channel	Total of watts	Total of Watts into "Pact_Load (W)" columns	1	32	1	16	_____	2	37	2	32	_____	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	_____
	Firing number	Focal	Watts per channel	Total of watts	Total of Watts into "Pact_Load (W)" columns																																																							
	1	32	1	16	_____																																																							
	2	37	2	32	_____																																																							
	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	Shoots are into tolerances. There is no red values		<input type="checkbox"/>	<input type="checkbox"/>	_____																																																							

14. 3D MEASUREMENT AND RECTUM WALL SIMULATION WITH DUMMY LOAD

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
14.1	X real X measured	___ mm ___ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.2	Y real Y measured	___ mm ___ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.3	Z real Z measured	___ mm ___ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.4	Software detects rectum automatically.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.5	Transverse corrections occur.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.6	Treatment doesn't stop after correction.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.7	Software gives error message.		<input type="checkbox"/>	<input type="checkbox"/>	_____

15. TREATMENT SIMULATION.					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
15.1	Initialization done without message		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.2	Motors centering done		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.3	Fusion test		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the 4 first Block					
15.4	Treatment area is correctly defined.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.5	Lesions are correctly displayed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.6	Endo-rectal probe moves to the next slice.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.7	Localization process is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.8	Endo-rectal probe moves from lesion to lesion.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.9	Treatment area is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the 4 last Block					
15.10	Treatment area is correctly defined.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.11	Lesions are correctly displayed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.12	Endo-rectal probe moves to the next slice.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.13	Localization process is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.14	Endo-rectal probe moves from lesion to lesion.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.15	Treatment area is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the end of treatment					
15.16	Print treatment report.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.17	Treatment duration				_____

DISCONNECT THE MAIN PROBE AND CONNECT THE SECOND PROBE IF IT IS AVAILABLE.

IF NOT, TICK THIS BOX: ☐.

THEN PERFORM THE SAME TESTS AS PREVIOUSLY.

12. PROBE PARAMETERS.

12.1	Probe serial number	_____	_____	_____	_____	_____
N°§	CONTROL	VALUE	PASS	FAIL	N/A	COMMENTS
12.2	Power connector VPC.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.3	Ultrasound connector.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.4	Probe adapts correctly.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.5	Holding pin.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.6	Luer connections.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.7	Correspondence between software and data sheet.		<input type="checkbox"/>	<input type="checkbox"/>		_____
12.8	Record "Installation date".	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.9	Total number of shots.	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.10	Total number of treatments.	_____	<input type="checkbox"/>	<input type="checkbox"/>		_____
12.11	Last maintenance date.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.12	Nb of Shots since last maintenance.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.13	Nb of Treatments since last maintenance.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
12.14	"Calibration state" is "Done".		<input type="checkbox"/>	<input type="checkbox"/>		_____



13. POWER

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
13.1	Record amplifier serial number	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
13.2	Record COM number	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
13.3	Fans consumption	_____ A (2.37A - 2.63A)	<input type="checkbox"/>	<input type="checkbox"/>	_____
13.4	All wires are connected.		<input type="checkbox"/>	<input type="checkbox"/>	_____
13.5	Write total values on this table.				
	Firing number	Focal	Watts per channel	Total of watts	Total of Watts into "Pact_Load (W)" columns
	1	32	1	16	_____
	2	37	2	32	_____
	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	Shoots are into tolerances. There is no red values		<input type="checkbox"/>	<input type="checkbox"/>	_____

14. 3D MEASUREMENT AND RECTUM WALL SIMULATION WITH DUMMY LOAD

N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
14.1	X real X measured	_____ mm _____ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.2	Y real Y measured	_____ mm _____ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.3	Z real Z measured	_____ mm _____ mm(<2 mm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
14.4	Software detects rectum automatically.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.5	Transverse corrections occur.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.6	Treatment doesn't stop after correction.		<input type="checkbox"/>	<input type="checkbox"/>	_____
14.7	Software gives error message.		<input type="checkbox"/>	<input type="checkbox"/>	_____

15. TREATMENT SIMULATION.					
N°§	CONTROL	VALUE	PASS	FAIL	COMMENTS
15.1	Initialization done without message		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.2	Motors centering done		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.3	Fusion test		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the 4 first Block					
15.4	Treatment area is correctly defined.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.5	Lesions are correctly displayed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.6	Endo-rectal probe moves to the next slice.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.7	Localization process is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.8	Endo-rectal probe moves from lesion to lesion.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.9	Treatment area is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the 4 last Block					
15.10	Treatment area is correctly defined.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.11	Lesions are correctly displayed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.12	Endo-rectal probe moves to the next slice.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.13	Localization process is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.14	Endo-rectal probe moves from lesion to lesion.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.15	Treatment area is successfully completed.		<input type="checkbox"/>	<input type="checkbox"/>	_____
For the end of treatment					
15.16	Print treatment report.		<input type="checkbox"/>	<input type="checkbox"/>	_____
15.17	Treatment duration		_____		_____

16. COMPUTER						
N°§	CONTROL	VALUE	PASS	FAIL	N/A	COMMENTS
16.1	PC screens image		<input type="checkbox"/>	<input type="checkbox"/>		_____
16.2	Free space on HDD	C: ____ (>10GB) D: ____ (>10GB)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		_____
16.3	Number of patients treated since last maintenance activity.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.4	Indicate date of last maintenance activity on this machine.	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.5	Defrag analysis.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.6	Date and time.		<input type="checkbox"/>	<input type="checkbox"/>		_____
16.7	Software version Check		<input type="checkbox"/>	<input type="checkbox"/>		_____
16.8	Files backup and retrieve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.9	Printer test.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.10	Back up battery.	____ V	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16.11	Clean computer dust filter.		<input type="checkbox"/>	<input type="checkbox"/>		_____

17. ASPECT AND ACCESSORIES					
N°§	CONTROL	PASS	FAIL	N/A	COMMENTS
17.1	Wheels don't touch covers or chassis.	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.2	Panels are in good condition	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.3	Long panels are easily removed.	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.4	Labels are in good condition	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.5	Ground cables are firmly attached to panels.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
17.6	Leg holder condition.	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.7	Transport carriage condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
17.8	Covers condition.	<input type="checkbox"/>	<input type="checkbox"/>		_____
17.9	Maintenance sticker.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____



18. ELECTRICAL SAFETY TEST

N°§	CONTROL	PASS	FAIL	N/A	COMMENTS
18.1	All item passed in electrical safety test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

19. REPORTING

N°§	CONTROL	PASS	FAIL	N/A	COMMENTS
19.1	Reporting in Website support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

20. DOCUMENTS

List any documents left with customer or local distributor.

Date: __/__/__

Signature:

CUSTOMER:

Date: __/__/__

Signature:

SUPPORT ENGINEER:

Date: __/__/__

Signature:

SERVICE MANAGER:
