



KEMENTERIAN KESIHATAN MALAYSIA

BEMS Planned Preventive Maintenance Checklist Scanning Systems, Ultrasonic, General Purpose

TYPE CODE : 15-976

CHECKLIST NO:
15976-183

PPM YTD : (___ / 2)

PART 1 ASSET DETAILS

WORK ORDER NO ► ASSET NO ►
MANUFACTURER ► Medison Co Ltd MODEL ► SonoAce R7
FREQUENCY ► 3 MONTHLY () 6 MONTHLY (✓) 12 MONTHLY PPM HOURS ► 2.00

PART 2 SPECIAL PRECAUTION

If there is evidence of body fluid contamination, submit the device for cleaning and decontamination before inspecting it.
Wear appropriate Personnel Protection Equipment (PPE) during work.
Wear grounded electrostatic wristband when handling PCB or electronic components.
Refer to the safety procedure for additional precautions and guidance as per manufacturer guidelines.
Make sure the test equipment used are duly calibrated.

PART 3 TEST APPARATUS

Tick (✓) where appropriate

DESCRIPTION	ASSET NO / SERIAL NO	CALIBRATION DUE ON
<input type="checkbox"/> ELECTRICAL SAFETY ANALYZER		
<input type="checkbox"/> TISSUE PHANTOM		
<input type="checkbox"/> _____		
<input type="checkbox"/> _____		

PART 4 QUALITATIVE TASKS

Tick (✓) where appropriate

	PASS	FAIL	NA		PASS	FAIL	NA
1. Chassis - verify physical integrity, cleanliness and condition	()	()	()	10. Indicators/ Displays - verify proper illumination and	()	()	()
2. Mount/ Fasteners - verify physical integrity	()	()	()	11. Alarm/ Audible Signal - verify operation	()	()	()
3. Casters/Brakes - if mounted, verify physical integrity	()	()	()	12. Printer - verify operation and condition	()	()	()
4. Power Cord - verify proper insulation and integrity	()	()	()	13. Trackball - verify smooth movement of cursor and cleanliness of trackball.	()	()	()
5. Strain Relief - verify physical integrity at both ends of line cord	()	()	()	14. Transducer - verify echo is good and no darkband on all probe echo	()	()	()
6. Transducers/Cables - verify integrity and condition	()	()	()	15. Color Doppler - verify echo with the color flow clearly seen on image.	()	()	()
7. Circuit Breaker/ Fuse - verify integrity of external circuit breaker and/or rating of external fuse	()	()	()	16. Doppler - verify echo with forward and reverse flow is audible on speaker.	()	()	()
8. Fittings/ Connectors - check all fittings/connectors	()	()	()				
9. Controls/ Switches/ Keypad - verify proper operation of controls	()	()	()				

PART 5 PREVENTIVE MAINTENANCE TASKS

Tick (✓) where appropriate

	DONE	NOT DONE **	NA		DONE	NOT DONE **	NA
1. Cleanliness - clean interior and exterior of the equipment	()	()	()	3. Cleanliness of PWB - check and clean PWB of any dust.	()	()	()
2. Clean Transducers/Cables	()	()	()	4. Exhaust Fan - clean and check	()	()	()

Notes:

*For all parts, NA defined as NOT APPLICABLE

**If you have ticked 'NOT DONE', then input relevant remarks in Part 8

***Choose whichever applicable. Please indicate in Part 8 for any part replaced



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PART 7 ELECTRICAL SAFETY TEST

ELECTRICAL SAFETY TEST, (attach report)
(In accordance to MS IEC 60601/60610/62353)

☐ PASS

☐ FAIL

☐ NA

PART 8 NOTES

Reference:
Service Manual, Medison Co Ltd, SonoAce R7, chapter 6 and chapter 10.

☐ CORRECTIVE MAINTENANCE REQUIRED

☐ FUNCTIONING

☐ NOT FUNCTIONING

WORK ORDER NO ► _____

NEXT PPM DATE ► _____

PPM has been performed in accordance to the checklist

COMPLETED BY :

DATE :