

Report No. 24PTP_01PM04240394

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Preventive Maintenance Action Report

EQUIPMENT : MONITORS, PHYSIOLOGIC, RESPIRATON/EXHALED

CARBON DIOXIDE/PULSE OXIMETRY

ID CODE : PTP01346

MANUFACTURER : NONIN MEDICAL

MODEL : RESPSENSE

SERIAL No. : 501667944

LOCATION : Neurology

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax:-

PM. DATE : 30 APRIL 2024

ISSUE DATE : 3 MAY 2024

Supatcha

Performed by : _____ Approved by : _____

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEElectrical SafetyFlukeESA615349403423MD7747 Jun 2024Analyzer

2. THIS CERTIFICATION IS TRACEABLE TO:

- Technology Promotion Association (Thai-Japan)

3. THIS RESULT OF TEST WAS FOUND ACCURATE AS SHOW ON DATE AND PLACE OF TEST ONLY



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1. Qualitative Tests

No.	List	Pass	Fail	None	Comment
1	Chassis/Housing	/			
2	Mount/Fasteners			/	
3	AC Plug	/			
4	Line Cord	/			
5	Strain Reliefs	/			
6	Circuit Breaker/Fuse	/			
7	Cables	/			
8	Fittings/Connectors	/			
9	Sensors/Sampling Lines	/			
10	Filters	/			
11	Controls/Switches	/			
12	Pump	/			
13	Leak Check	/			
14	Battery/Charger	/			
15	Indicators/Displays	/			
16	Self-Test	/			
17	Time/Date Settings			/	
18	Cybersecurity			/	
19	User Calibration	/			
20	Alarms	/			
21	Gas concentration alarms	/			
22	Occlusion alarm	/			
23	Other alarms	/			
24	Audible Signals	/			
25	Labeling	/			
26	Accessories	/			

2. Quantitative Tests

No.	List	Pass	Fail	None	Comment
1	Grounding Resistance ≤0.5 Ω			/	
2	Chassis Leakage Current ≤500 μA	/			9.1 μΑ
3	Concentration Check ±0.3% vapor or ±15% of the			/	
	selected value, whichever is greater				



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2. Quantitative Tests (Continues)

No.	List	Pass	Fail	None	Comment
4	Concentration Check CO2 5% ±2.6 mmHg and	/			
	CO2 10% ±5.2 mmHg				

3. Preventive Maintenance

No.	List	Pass	Fail	None	Comment
1	Clean the exterior and accessories	/			
2	Lubricate			/	
3	Adjust			/	
4	Replace			/	

4. Remark Carbon Dioxide Concentration 5% (36.8 mmHg) ±2.6 mmHg Carbon Dioxide Concentration 10% (73.6 mmHg) ±5.2 mmHg

 $Electrical\ Safety\ Test: Master\ used\ Electrical\ Safety\ Analyzer\ (\ Metron\ /\ QA-90\)\ according\ to\ IEC.60601.1$

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