

Report No. 25PYT3\_01PM01250290

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# **Preventive Maintenance Action Report**

EQUIPMENT : ANESTHESIA UNITS

ID CODE : PYT3\_04922

MANUFACTURER : GE HEALTHCARE

MODEL : AVANCE CS2

SERIAL No. : APKV01317

LOCATION : ANESTHESIA

SUBMITTED BY : PHYATHAI 3 HOSPITAL

111 Phet Kasem Rd., Pak Khlong Phasi Charoen, Phasi Charoen Bangkok 10160

Tel: (662) 467-1111 Fax: (622) 467-1111

PM. DATE : 13 JANUARY 2025 ISSUE DATE : 25 JANUARY 2025

Supatcha 270%

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

#### **CONDITION OF THIS RESULT OF TEST**

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEElectrical SafetyFlukeESA615349403424MD83710 Jun 2025

Analyzer

Performed by:

#### 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	Comment
1	Chassis/Housing	/		
2	Carbon Dioxide Absorber	/		
3	Mount	/		
4	Casters/Brakes	/		
5	AC Plug/Receptacles	/		
6	Line Cord	/		
7	Strain Reliefs	/		
8	Tubes/Hoses	/		
9	Cables	/		
10	Fittings/Connectors	/		
11	Filters	/		
12	Controls/Switches	/		
13	Indicators/Displays	/		
14	Battery/Charger	/		
15	Time/Date Settings	/		
16	Self-Test	/		
17	Alarms	/		
18	Labeling	/		
19	Audible Signals	/		
20	Flowmeters	/		
21	Fail-Safe Oxygen Valves	/		
22	Directional Valves	/		
23	Vaporizer Back-Pressure Check Valve	/		
24	Bellows or Piston	/		
25	Breathing System (including filters)	/		
26	Pressure-Relief Mechanism	/		
27	Fan	/		
28	Gas cylinders (and gauges and regulators)	/		
29	Accessories	/		

#### 2. Quantitative Tests

No.	List	Pass	Fail	Comment
1	Grounding Resistance ≤0.5 Ω	/		0.293 Ω



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#### 2. Quantitative Tests (Continues)

No.	List	Pass	Fail	Comment
2	Chassis Leakage Current ≤500 μA	/		95.8 μΑ
3	Oxygen Flush Valve 35–75 L/min; O2 flowmeter	/		
	drop <1 L/min at 2 L/min; return to 2 L/min <2 sec			
4	High-Pressure Leaks negligible pressure drop >30	/		
	sec			
5	Intermediate Pressure Leaks no leakage	/		
6	Low-Pressure Leaks <30 mL/min at 30 cm H2O	/		
7	Breathing System ≥30 cm H2O, 30 sec	/		
8	APL Valve~1 to ≥30 cm H2O	/		
9	Flowmeters ±10%	/		
10	Minimum Oxygen Flow and Percentage 100–250	/		
	mL/min or manufacturer's specifications			
11	PEEP Valve system pressures <1 cm H2O and ±1.5	/		
	cm H2O			
12	Exhaled Volume Monitor ±15%, test lung value; 3	/		
	L (3,000 mL) ±15%, minute volume display			
13	Modes and Settings ±10% or mfr spec	/		
14	Monitors and Alarms ±10% or mfr spec	/		

#### 3. Preventive Maintenance

No.	List	Pass	Fail	Comment
1	Clean the exterior and accessories	/		

End of Report