

Certificate No.

24PYT3_DEC12240128

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Certificate of Calibration

EQUIPMENT : MONITORS, PATIENT TRANSPORT

ID CODE : PYT3_02752

MANUFACTURER : PHILIPS

MODEL : SURESIGNS VSI

SERIAL No. : CN21208242

LOCATION : PHYSICAL THERAPY(กายภาพ)

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

CALIBRATED DATE : 4 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

Performed by :	Approved by				
	SOM KONKAEW		PUKARIN TONGKLIANG		

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATETester, Vital SignFLUKEPROSIM 8570205924MD54530 Apr 2025

Simulator

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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Calibration Report

EQUIPMENT : MONITORS, PATIENT TRANSPORT

ID CODE : PYT3_02752

MANUFACTURER : PHILIPS

MODEL : SURESIGNS VSI

SERIAL No. : CN21208242

DATE OF CALIBRATION : 4 DECEMBER 2024

ENVIRONMENT : TEMPERATURE 25 °C

RELATIVE HUMIDITY 55 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

/	Without Adjustment		Before Adjustment		After Adjustment
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Systolic					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)	
60	60.00	0.00	0.00	± 0.0475	
120	115.01	-4.99	-4.16	± 0.0720	
200	194.98	-5.02	-2.51	± 0.0496	

Diastolic				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)
30	32.03	2.03	6.78	± 0.0494
80	80.02	0.02	0.02	± 0.0792
150	145.02	-4.99	-3.32	± 0.0612

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.00	-0.00	-0.00	± 0.0361	
80	81.02	1.02	1.28	± 0.1150	
120	118.00	-2.00	-1.66	± 0.1172	

UUC*: Unit Under Calibration

The reported uncertainty of measurement was based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%