

Certificate No.

24PYT3_DEC12240146

Page 1 of 2

Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05717

MANUFACTURER : ROSSMAX

MODEL : SA210

SERIAL No. : SP1805-0008

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 : 12 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

Performed by:		Approved by :	1		
	SOM KONKA FW		PUKARIN TONGKUANG		

This certificate may not be reproduced except in full unless permission for reproduction has been obtained in writing from the calibration.

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



Certificate No. 24PYT3_DEC12240146

Page 2 of 2

Calibration Report

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05717

MANUFACTURER : ROSSMAX

MODEL : SA210

SERIAL No. : SP1805-0008

DATE OF CALIBRATION : 12 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

%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	91.03	1.03	1.15	± 0.0625
96	97.01	1.01	1.05	± 0.0707
100	100.02	0.02	0.02	± 0.0515

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.00	0.00	0.00	± 0.0244	
80	80.01	0.01	0.02	± 0.1349	
120	120.00	0.00	0.00	± 0.1103	

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%

FI-BME-NHS-CP-012/1 Rev.04 Page 2/2 Issued Date 20/07/2024