

Certificate No. 241

24PYT3_DEC12240097

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Certificate of Calibration

EQUIPMENT : MONITORS, PATIENT TRANSPORT

ID CODE : PYT3_00828

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP30(M8002A)

SERIAL No. : 728A6553

LOCATION : GASTROINTESTINAL LABORATORY(GI)

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 : 1 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

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

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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

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MODEL : INTELLIVUE MP30(M8002A)

SERIAL No. : 728A6553

DATE OF CALIBRATION : 1 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	61.99	1.99	3.32	± 0.0595
120	116.01	-3.99	-3.33	± 0.0625
200	193.99	-6.01	-3.01	± 0.0563

Diastolic					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)	
30	31.99	1.99	6.62	± 0.0496	
80	79.02	-0.98	-1.22	± 0.0639	
150	143.98	-6.03	-4.02	± 0.1127	

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	59.99	-0.01	-0.02	± 0.0548	
80	80.00	-0.00	-0.01	± 0.1131	
120	120.04	0.04	0.03	± 0.1150	

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%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	90.00	0.00	0.00	± 0.0676
96	96.98	0.98	1.02	± 0.0667
100	100.05	0.05	0.05	± 0.0497

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%

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