

Certificate No. 24PYT3_DEC12240094

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Certificate of Calibration

EQUIPMENT : MONITORS, PATIENT TRANSPORT

ID CODE : PYT3_00811

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP30(M8002A)

SERIAL No. : 728A6529

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

In

Performed by:		Approved by :	1	
	SOM KONKAFW		PUKARIN TONGKI IANG	

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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. : 728A6529

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	62.05	2.05	3.41	± 0.0530
120	116.98	-3.02	-2.52	± 0.0926
200	196.99	-3.01	-1.50	± 0.0083

Diastolic				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)
30	33.02	3.02	10.05	± 0.0497
80	79.01	-0.99	-1.24	± 0.0822
150	149.02	-0.98	-0.65	± 0.0769

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.02	0.02	0.04	± 0.0317	
80	80.01	0.00	0.01	± 0.1258	
120	119.98	-0.03	-0.02	± 0.1178	

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%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	90.02	0.02	0.03	± 0.0595
96	96.98	0.98	1.02	± 0.0283
100	99.99	-0.01	-0.01	± 0.1032

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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