Certificate of Calibration

EQUIPMENT	:	TOURNIQUETS, PNEUMATIC
ID CODE	:	PTP00712
MANUFACTURER	:	ZIMMER
MODEL	:	A.T.S. 1200
SERIAL No.	:	1211AAAB
LOCATION	:	Operating Room
SUBMITTED BY	:	PHYATHAI PHAHOLYOTHIN HOSPITAL
		670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400
		Tel : 02-271-7000 Fax : -
CALIBRATED DATE	:	24 APRIL 2024
ISSUE DATE	:	3 MAY 2024

Performed by : Usanee *USANEE CHALONGPHOKSILCHAI*

Approved by : *PHUWASIN YIWKIM*

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTER	MANUFACTURER	MODEL	SERIAL NO.	CERTIFICATE NO.	DUE DATE
Pressure Calibrator	Fluke	717 30G	5730135	23P1956	12 Jun 2024

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

Calibration Report

EQUIPMENT	:	TOURNIQUETS, PNEUMATIC	
ID CODE	:	PTP00712	
MANUFACTURER	:	ZIMMER	
MODEL	:	A.T.S. 1200	
SERIAL No.	:	1211AAAB	
DATE OF CALIBRATION	:	24 APRIL 2024	
ENVIRONMENT	:	TEMPERATURE	22 °C
		RELATIVE HUMIDITY	55 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

[/] Without Adjustment [ ] Before Adjustment [ ] After Adjustment

Pressure				
UUC* Setting (mmHg)	Standard Reading (mmHg)	Error (mmHg)	% Error (%)	Uncertainty (mmHg)
100	98.60	-1.40	-1.40	± 0.3961
200	198.30	-1.70	-0.85	± 0.4229
300	298.55	-1.45	-0.48	± 0.3745
400	400.80	0.80	0.20	± 0.3789

Pressure Ch.2				
UUC* Setting (mmHg)	Standard Reading (mmHg)	Error (mmHg)	% Error (%)	Uncertainty (mmHg)
100	97.63	-2.38	-2.38	± 0.3908
200	202.55	2.55	1.28	± 0.4352
300	299.43	-0.57	-0.19	± 0.3992
400	399.48	-0.52	-0.13	± 0.4260

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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