

Certificate No.

24PTP_0104240352

Page 1 of 2

Certificate of Calibration

EQUIPMENT : ELECTROSURGICAL UNITS, MONOPOLAR/BIPOLAR

ID CODE : PTP03495

MANUFACTURER : MEYER-HAAKE

MODEL : RADIOSURG 2200

SERIAL No. : 3480

LOCATION : Eye Ear Nose Throat Clinic

KANITTHA SRIPRAPAD

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 26 APRIL 2024

ISSUE DATE : 1 MAY 2024

Kanittha.

PHUWASIN YIWKIM

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Approved by:

CONDITION OF THIS RESULT OF TEST

Performed by:

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEElectrosurgeryFluke BiomedicalQA-ES III572872623MD85221 Jun 2024Analyzer

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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Page 2 of 2

Calibration Report

EQUIPMENT : ELECTROSURGICAL UNITS, MONOPOLAR/BIPOLAR

ID CODE : PTP03495

MANUFACTURER : MEYER-HAAKE

MODEL : RADIOSURG 2200

SERIAL No. : 3480

DATE OF CALIBRATION : 26 APRIL 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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Energy Monopolar/Cut								
UUC* Setting	Standard Reading	Error	% Error	Uncertainty				
(Watt)	(Watt)	(Watt)	(%)	(Watt)				
20	19.30	-0.70	-3.50	± 1.1547				
40	38.00	-2.00	-5.00	± 2.3095				
60	57.30	-2.70	-4.50	± 3.4642				
80	76.30	-3.70	-4.63	± 4.6189				
100	86.90	-13.10	-13.10	± 5.7737				

Energy Monopolar/Coag									
UUC* Setting	Standard Reading	Error	% Error	Uncertainty					
(Watt)	(Watt)	(Watt)	(%)	(Watt)					
20	20.80	0.80	4.00	± 1.1547					
40	41.10	1.10	2.75	± 2.3095					
60	61.30	1.30	2.17	± 3.4642					
70	70.60	0.60	0.86	± 4.0416					

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-024/1 Rev.03 Page 2/2 Issued Date 20/07/2023