



# CT SERVICES (M) SDN. BHD. 201101036190 (964324-M)

No.17, Jalan MJ 16, Taman Industri Meranti Jaya,

47120 Puchong, Selangor, Malaysia.

Tel: 03-8069 1951/8069 1952 Fax: 03-8069 1953

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## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER : CTP 2053-21

DATE RECEIVED : 3-Mar-21

JOB NUMBER : CTJ 21-1507

ISSUE DATE : 18-Mar-21

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Customer : CYPRESS MEDIC SDN BHD  
No. 73-3 & 73-4,  
Jalan Equine 10, Taman Equine,  
43300 Seri Kembangan, Selangor.

Instrument : FLOW METER  
Manufacturer : DWYER  
Model No. : RMA-23-SSV  
Tag No. : V02151901  
Serial No. : 8731

Range : 5 to 50 l/min  
Resolution : 5 l/min

Date Calibrated : 16-Mar-21

Due Date : 16-Mar-22 (Recalibrate date requested by the customer)

The user should be aware that any number of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

### Environmental Condition:-

Ambient Temperature : ( 23 ± 5 ) °C

Relative Humidity : ( 50 ± 15 ) % r.h.

### METHOD OF CALIBRATION

The calibration method was carried out according to In-house Technical Calibration Procedure CTTM-M21:2012 as a guide.

### CALIBRATION LOCATION

The instruments has been calibrated at CT SERVICES (M) SDN BHD laboratory

### REFERENCE STANDARD(S) USED FOR CALIBRATION

INSTRUMENT	SERIAL NO.	TRACEABILITY	DUE DATE
Mass Flow Meter	13528	NMC, S'PORE	26-Jan-22

1. The expanded uncertainty of measurement associated with the calibration is 2% of reading estimated at a confidence level of approximately 95 % with a coverage factor of k=2.
2. The user should determine the suitability of the instrument for its intended use.
3. The Reference standards used are traceable to National Standards maintained at National Metrology Institute of Malaysia (NMIM) or other recognised International Standard Laboratories.

Calibrated by :

MOHD HAFIZ RUSLAN  
Calibration Officer

Approved by :

TAN WEI LENG  
Approving Officer



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MEAN ACTUAL VALUE ( l/min )	MEAN INSTRUMENT READING ( l/min )		
	Before adjustment	After adjustment	Correction
10.03	10	---	0.03
20.11	20	---	0.11
30.17	30	---	0.17
40.24	40	---	0.24
50.30	50	---	0.30



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MS ISO/IEC 17025  
CALIBRATION  
SAMM NO. 729

## CALIBRATION CERTIFICATE

CERTIFICATE NUMBER : CTP 2054-21

DATE RECEIVED : 3-Mar-21

JOB NUMBER : CTJ 21-1507

ISSUE DATE : 18-Mar-21

PAGE : Page 1 of 2

Customer : CYPRESS MEDIC SDN BHD  
No. 73-3 & 73-4,  
Jalan Equine 10, Taman Equine,  
43300 Seri Kembangan, Selangor.

Instrument	: VACUUM GAUGE	Range	: 0 to 30 inHg
Manufacturer	: IK	Resolution	: 1 inHg
Model No.	: ---		
Tag No.	: V02151901		
Serial No.	: 036		

Date Calibrated : 16-Mar-21

Due Date : 16-Mar-22 (Recalibrate date requested by the customer)

The user should be aware that any number of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

### Environmental Condition:-

Ambient Temperature : ( 23 ± 5 ) °C

Relative Humidity : ( 50 ± 15 ) % r.h.

### METHOD OF CALIBRATION

The calibration method was carried out according to In-house Technical Calibration Procedure CTTM-M03:2012 as a guide.

### CALIBRATION LOCATION

The instruments has been calibrated at CT SERVICES (M) SDN BHD laboratory

### REFERENCE STANDARD(S) USED FOR CALIBRATION

INSTRUMENT	SERIAL NO	TRACEABILITY	DUE DATE
Digital Pressure Indicator	21813040050	NMI, NIST	19-Jun-21

1. The expanded uncertainty of measurement associated with the calibration is  $\pm 0.12$  inHg estimated at a confidence level of approximately 95 % with a coverage factor of  $k=2$ .
2. The user should determine the suitability of the instrument for its intended use.
3. The Reference standards used are traceable to National Standards maintained at National Metrology Institute of Malaysia (NMIM) or other recognised International Standard Laboratories.

Calibrated by :

MOHD HAFIZ RUSLAN  
Calibration Officer

Approved by :

TAN WEI LENG  
Approving Officer

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CERTIFICATE NUMBER : CTP 2054-21

ISSUED DATE : 18-Mar-21

JOB NUMBER : CTJ 21-1507

PAGE : Page 2 of 2

APPLIED ACTUAL VALUE ( inHg )	MEAN INSTRUMENT READING ( inHg )					
	ASCENDING			DESCENDING		
	Before Adj	After Adj	Correction	Before Adj	After adj	Correction
0.0	0.0	---	0.0	0.0	---	0.0
5.0	5.0	---	0.0	5.0	---	0.0
10.0	10.0	---	0.0	10.0	---	0.0
15.0	15.0	---	0.0	15.0	---	0.0
20.0	20.0	---	0.0	20.0	---	0.0
25.0	25.0	---	0.0	25.0	---	0.0

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