



# HYTECH INSTRUMENT

2SF, C-2 Shriram Complex, Nyay Khand-I, Indrapuram, Ghaziabad-201014 (U.P) INDIA  
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## Calibration Certificate

Format No. : HY/FM/33

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<b>Certificate No.</b>	HY/21/1371-150	<b>CALIBRATION CERTIFICATE OF</b>  <b>Blood Mixer</b>
<b>Date of Calibration :</b>	26.11.2021	
<b>Next Date for Calibration</b> (As per agreed with the Customer)	26.11.2022	
<b>Certificate Issue Date</b>	27.11.2021	

<b>CUSTOMER ADDRESS</b>		<b>DESCRIPTION OF DEVICE UNDER CALIBRATION</b>	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		<b>Make / Model</b>	NA
<b>SERVICE REQUEST FORM DETAILS</b>		<b>Instrument Sr. No.</b>	NA
		<b>Resolution / Least Count</b>	As Per Range
<b>Service Request / Job No.</b>	1371/1371-150	<b>Range / Size</b>	As Per Instrument
<b>Service Request Dated</b>	24.11.2021	<b>Asset Code / I.D No.</b>	CH/LAB/BM/01
		<b>Location</b>	LAB
		<b>Instrument Condition</b>	In Working

<b>Calibration Procedure</b>	HY/WI/2M14	<b>Calibration Performed At</b>	At Site	
<b>Reference Standard</b>	NABL-126	<b>Discipline</b>	Medical	
<b>ENVIRONMENTAL CONDITIONS</b>	<b>Temperature</b>	(25 ± 15) °C	<b>Relative Humidity</b>	(60 ± 15) %RH

### DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Digital Tachometer	CC20552000000753F	TNC	18.01.2022
2	Digital Weighing Machine	CC205520000004620F	TNC	17.03.2022
3	Stop Watch	CCTPL/DSW/0261/01	CALYSS	21.02.2022

The Standards used for calibration are traceable to National Standards.

### CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	ERROR (rpm)	Uncertainty ± (%)
Speed	20	20.4	-0.40	0.70
	50	50.8	-0.80	0.70
	90	91.3	-1.30	0.70

PARAMETER	DUC VALUE (ml)	STANDARD VALUE (ml)	ERROR (ml)	Uncertainty ± (%)
Volume	100	100.29	-0.29	0.70
	500	500.43	-0.43	0.70

PARAMETER	DUC Value	Standard Value				Uncertainty (± %)
		Min	Hour	Min	Sec	
Time	10	0	9	59	92	0.95
	30	0	29	58	81	0.95
	60	0	59	56	78	0.95
	90	0	89	55	68	0.95

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

<b>Note :-</b> 1. DUC = Device Under Calibration 2. The Certificate refers only to the particular items submitted for Calibration. 3. This Certificate shall not be reproduced, except in full, without the permission of Hytech Instrument, Ghaziabad. 4. Result Reported are Valid at the time of and under the stated conditions of measurement. 5. Calibration Certificate issue for weight & Measure parameters is for scientific purpose only and should not be used for trade / Commercial use.	 <b>CALIBRATED BY</b> (Call: Engineer)
	<b>APPROVED BY</b> (QM/CRM)

