

# AUTOCAL SYSTEMS

Calibration of Biomedical, QA of Radiology, Thermal, Mechanical, Electrotechnical, Mass, Volume, Weights, Mapping and Validation Testing Services of Laminar Air Flow, Biosafety Cabinet, OT Validation, AHU and Calibration Facility in Lab / Onsite.



## CALIBRATION CERTIFICATE

**1. CUSTOMER :-**  
**DR.PANJABRAO DESHMUKH HOSPITAL,**  
 MORSHI ROAD ,SHIVAJI NAGAR,  
 AMRAVATI,MAHARASHTRA -444603  
 Ambient Temp. :- (25 ± 4)°C  
 RH :- < 70%  
 Location of calibration :- ON SITE  
 Condition of Item :- OK

Page No. :- 1 of 1  
 Date of Receipt :- 20-Aug-22  
 Service Request No. :- ACS/CAL/22-23/295  
 Certificate No. :- ACS/CAL/0295/CM-106/220010  
 Date of Calibration :- 20-Aug-22  
 Next Calibration Due On :- 19-Aug-23  
 Calibration method No. :- ACS/CM-106  
 ULR No CC2614220000005201F

### 2. Description of Item

Name :- **TEMPERATURE INDICATOR**  
 Sr.No :- CHMR30010P00314  
 Make :- BLUE STAR  
 Model :- CHMK 300  
 Type :- DIGITAL  
 Asset no :- NA

Range :- 2 TO 8 °C  
 Resolution :- 1 °C  
 Specified Accuracy :- N.A  
 Location :- REFRIGERATOR  
 Department :- ICTC LAB

### 3.Detail of Equipment used for calibration

Model :- Temp. indi with RTD sensor  
 Make/I.D No. :- Tempsens/ACS-EQP-05  
 Certificate No. :- NI/2110/031/001  
 Certified By :- NISHITRONICS  
 Calibration Validity :- 12-Oct-22

### 4. IS STANDARD :- DKD-R-5-1

### 5.Calibration Results :-

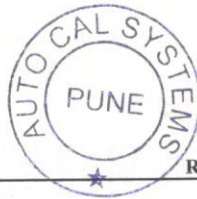
Calibration Points °C	Converted Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
2	2	1.8	-0.2	0.37
4	4	3.9	-0.1	0.37
6	6	6.1	0.1	0.37
7	7	7.2	0.2	0.37
8	8	7.8	-0.2	0.37

#### Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to coverage probability of approximately 95% for normal distribution.
- 2) This certificate refers only to the particular item submitted for calibration.UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications and Calibration report traceable to NPL or International Standard.
- 5) This certificate shall not be reproduced,except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Autocal Systems,Pune"

\*\*END OF CERTIFICATE\*\*

Calibrated By: *Asagde*  
 Calibration Engineer  
 (Mr.Ankush Bagde)



Approved By: *Asagde*  
 Technical Manager  
 (Mr.Sandip Bagade)

Format No. : ACS-RFT-29

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83/526, Near D. Y. Patil Engg. College, Sant Tukaram Nagar, Pimpri, Pune - 411018.

☎ 09822136161 / 09975706701 / 07722092715 ✉ autocalsystemsmed@gmail.com / autocalsystems@gmail.com

www.autocalsystems.com