



Radical Scientific Equipments Pvt. Ltd.

(Calibration Laboratory)

9th Milestone, Ambala-Jagadhri Road, P.O. Khudda Kalan, Ambala Cantt. -133104

Ph: 0171-2600801(60 Lines), 2891500/501/502, Fax. : 2891503, E-mail:info@radicalscientific.com



Certificate No. : CC-2322

TRUE COPY

Certificate of Calibration

Customer Name & Address:-	National Centre For Quality Calibration, 4,Abhishree Corporate Park, Nr. SwagatBanglow BRTS, Iskon-Ambli Road, Ambli Ahmedabad – 380058.
--------------------------------------	---

Service Request No.:- 422	Date of Calibration :- 23-12-2021
Service Request Date :- 11-12-2021	Next Suggested Date of Calibration :- -----
Certificate No.:- RSEPL/NABL/21-22/422	ULR No.:-CC23222100000117F
Page 01 of 03	

DETAILS OF INSTRUMENT

Nomenclature :- Profile Projector	Range :- As Mentioned Below
Make :- Radical	Least Count :- As Mentioned Below
Model No. :- RPP-3000DR	Accuracy :- As per Mfg. Specifications
Serial No. :- 33271	Acceptance Criteria :- Not Applicable
ID No. :- Asset No.NCQC/M-25	Type :- Digital
Location :- At Customer's Site	

Ref. Standard :- IS-2754 : 1964	Calibration Procedure :- CP-503
Environment Conditions :- Temp.:- 20°C +2°C R.H.:- 50% ± 10%	Calibration Done At :- Customer's Site

DETAILS OF STANDARD USED

Nomenclature	Make/Model	ID/Serial No.	Certificate No.	Validity
1. Slip Gauge	----	RSEPL-CL-002	ITCCS/2021/48083	Up to04.07.2022
2. Glass Scale 0-50mm	----	RSEPL-CL-005	TI/G/GS/006/20	Up to14.07.2022
3. Glass Scale 0-200mm	----	RSEPL-CL-006	TI/G/GS/007/20	Up to14.07.2022
4. Glass Scale (AngleGraticule)	----	RSEPL-CL-004	TI/D/CGS/002/21	Up to16.04.2023

Calibrated by

Singh

(Joginder Singh)
(Calibration Engineer)



Approved by

Sunil Kumar

(Sunil Kumar)
(Quality Manager)

NCQC
Valid up to 22/12/2023
Reviewed *[Signature]*

NCQC System Certificate No. 42



Radical Scientific Equipments Pvt. Ltd.

(Calibration Laboratory)

9th Milestone, Ambala-Jagadhri Road, P.O. Khudda Kalan, Ambala Cantt. -133104
Ph: 0171-2600801(60 Lines), 2891500/501/502, Fax. : 2891503, E-mail:info@radicalscientific.com



Certificate No. : CC-2322

Certificate of Calibration

Service Request No.:- 422	Date of Calibration :- 23-12-2021
Service Request Date :- 11-12-2021	Next Suggested Date of Calibration :- -----
Certificate No.:- RSEPL/NABL/21-22/422	ULR No.:-CC23222100000117F
Page 02 of 03	

OBSERVED READINGS (Calibration of Magnification)

SERIAL NO.	UUC READING IN (x-magnification)	STD. READING IN(x-magnification)	UNCERTAINTY (At 95% C.L.k=2)
1.	20.0	20	0.6%
2.	50.0	50	0.6%
3.	100.0	100	0.6%

OBSERVED READINGS (Calibration of X- Stage)

SERIAL NO.	UUC READING IN (mm)	STD. READING IN(mm)	UNCERTAINTY (At 95% C.L.k=2)
1.	0.000	0.00	3.0µm
2.	2.501	2.50	3.0µm
3.	7.701	7.70	3.0µm
4.	17.602	17.60	3.0µm
5.	25.003	25.00	3.0 µm
6.	50.002	50.00	3.0µm
7.	75.003	75.00	3.0µm
8.	100.004	100.00	3.0µm
9.	150.003	150.00	3.0µm
10.	175.003	175.00	3.0µm
11.	190.003	190.00	3.0µm

OBSERVED READINGS (Calibration of Y- Stage)

SERIAL NO.	UUC READING IN (mm)	STD. READING IN(mm)	UNCERTAINTY (At 95% C.L.k=2)
1.	0.000	0.00	3.0µm
2.	2.502	2.50	3.0µm
3.	7.701	7.70	3.0µm
4.	17.002	17.00	3.0µm
5.	25.001	25.00	3.0 µm
6.	50.003	50.00	3.0µm
7.	75.003	75.00	3.0µm
8.	100.004	100.00	3.0µm

Calibrated by

J Singh

(Joginder Singh)
(Calibration Engineer)



Approved by

Sunil Kumar

(Sunil Kumar)
(Quality Manager)

- (1) This certificate refers only to the particular item submitted for calibration. (2) This certificate shall not be reproduced, except in full, without our written permission. (3) Results reported are valid at the time of & under the stated conditions of measurement. (4) Laboratory Standards are traceable to National/International Standards. For more details please visit : www.radicalscientific.com



Radical Scientific Equipments Pvt. Ltd.

(Calibration Laboratory)

9th Milestone, Ambala-Jagadhri Road, P.O. Khudda Kalan, Ambala Cantt. -133104
Ph: 0171-2600801(60 Lines), 2891500/501/502, Fax. : 2891503, E-mail:info@radicalscientific.com



Certificate No. : CC-2322

Certificate of Calibration

Service Request No.:- 422	Date of Calibration :- 23-12-2021
Service Request Date :- 11-12-2021	Next Suggested Date of Calibration :- -----
Certificate No.:- RSEPL/NABL/21-22/422	ULR No.:-CC23222100000117F
Page 03 of 03	

OBSERVED READINGS (Calibration of Angular Screen)

SERIAL NO.	UUC READING IN (D/M/S)	STD. READING IN(D/M/S)	UNCERTAINTY (At 95% C.L.k=2)
1.	0°0'00"	0°	9.1 sec
2.	30°0'12"	30°	9.1 sec
3.	60°0'09"	60°	9.1 sec
4.	90°0'06"	90°	9.1 sec
5.	120°0'08"	120°	9.1 sec
6.	150°0'10"	150°	9.1 sec
7.	180°0'09"	180°	9.1 sec
8.	210°0'13"	210°	9.1 sec
9.	270°0'12"	270°	9.1 sec
10.	359°59'12"	360°	9.1 sec

Calibrated by

J Singh

(Joginder Singh)
(Calibration Engineer)



Approved by

Sunil Kumar

(Sunil Kumar)
(Quality Manager)

(1) This certificate refers only to the particular item submitted for calibration. (2) This certificate shall not be reproduced, except in full, without our written permission. (3) Results reported are valid at the time of & under the stated conditions of measurement. (4) Laboratory Standards are traceable to National/International Standards. For more details please visit : www.radicalscientific.com