



"समानो मन्त्रः समितिः समानी"

University of North Bengal

Department of Tea Science

University of North Bengal invites sealed quotation for the purchase of PYRANOMETER (01) for the SERB funded Project in the Department of Tea Science. For detailed information kindly log, in to university website (www.nbu.ac.in). Duly filled sealed quotation, must reach to the Dr. Chandra Ghosh, Associate Professor & Principal Investigator (SERB), Department of Tea Science, University of North Bengal by 19/03/2025 before 12 P.M

Ref-T.Sc/A-36/24-25/448

Date-12/3/25

1.Schedule

S.NO	DETAILS	DATE
1.	Submission of the sealed quotations to Dr. Chandra Ghosh, Associate Professor & PI SERB, Department of Tea Science, NBU	19/03/2025
2.	Opening of Sealed quotations	20/03/2025
3.	Information to the Finance Officer NBU regarding comparative statement and winning bid for publication.	21/03/2025
4.	Supply of item	Within 10 days after work order.

2.Specification of Pyranometer

ITEM	MODEL/BRAND
PYRANOMETER (SOLAR POWER METER)	MODEL-TM-207 BRAND-TENMARS

Specifications

- DISPLAY: 3½ digits LCD with maximum reading 1999.
- Dimensions: 143x74x34mm (length x width x height).
- Weight: Approximately 150 grams.



ELECTRIC SPECIFICATION

Resolution	1W/m ² , 1 BTU / (ft ² *h)
Accuracy	< ±3/year
Over-input	Display shows " OL".
Range	1999W/m ² , 634 BTU / (ft ² *h).
Accuracy	typically within ± 10W/m ² [±3 BTU / (ft ² *h)] or ±5% , whichever is greater in sunlight; Additional temperature induced error ±0.38W/m ² / °C [±0.12 BTU / (ft ² *h)/ °C] from 25°C
EMC	this instrument is EMC-compliant and has undergone compatibility tests according to EN61326 (1997) + A1 (1998) + A2 (2001)
Spectrum Reaction	400~1100nm

Dully filled quotations form must reach the Dr. Chandra Ghosh, Associate Professor & PI SERB, Department of Tea Science, Rajaramohunpur, University of North Bengal, Darjeeling, West Bengal, Pin-734013.