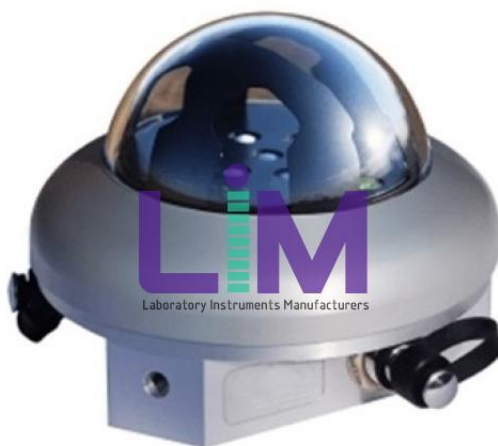


**Product Name :**  
Radiation and Insolation Data Logger

**Product Code :**  
LIM-CAT-L0055-00004



**Description :**

Radiation and Insolation Data Logger

**Technical Specification :**

Pyranometer is a precision solar radiation measurement instrument with a ground glass dome, and is designed for long-term outdoor exposure.

It is an affordable and effective alternative to shade-ring pyranometers, pyrheliometers and traditional sunshine recorders.

Over accuracy total or global and diffuse radiation =  $\pm 5\%$  daily integrate ,  $\pm 5\%$   $\pm 10 \text{ w.m}^{-2}$  hourly averages  $\pm 8\%$ ,  $\pm 10 \text{ w.m}^{-2}$

Resolution:  $\approx 0.6 \text{ w.m}^{-2}$

Range: 0 to  $>2000 \text{ w.m}^{-2}$

Analogue output sensitivity:  $\approx 1 \text{ w.m}^{-2}$

Temperature range:  $-40$  to  $70^\circ\text{C}$

Tilt response: = negligible

Power requirement: 10 v-15V

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