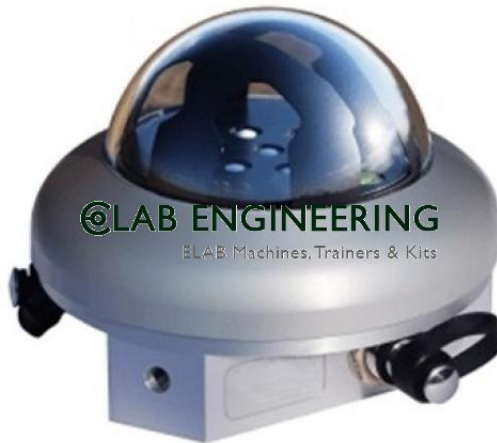


Product Name :
Radiation and Insolation Data Logger

Product Code :
ELABHTOOLSUK420004



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: $= 1 \text{ w.m}^{-2}$

Temperature range: -40 to 70°C

Tilt response: \approx negligible

Power requirement: 10 v-15V

