

sunshine recorder

by Campbell-Stokes

sunshine recorder model Campbell-Stokes

The **96d Campbell-Stokes Pattern Sunshine Recorder** employs a glass sphere to focus the sun's rays to an intense spot, which will char a mark on a curved card mounted concentrically with the sphere. As the earth rotates, the position of the spot moves across the card. When the sun is obscured, the trace is interrupted. At the end of the day the total length of the trace, less gaps, is proportional to the duration of sunshine.

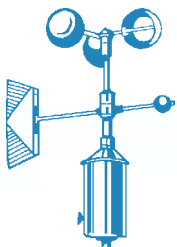
The record cards are made from a special board which produces a clearly visible trace even in weak sunlight. The cards are treated to char rather than burn to ensure clarity of the trace. Different cards are used for different seasons. Each card is marked with hourly intervals. An optional transparent plastic template marked with scales enables the length of the curved trace to be accurately measured.



technische specificaties

Latitude adjustments:	0-65° N or S
Sphere:	102 mm \pm 1.3 mm
Focal length-sodium	D light: 74.9 mm \pm 0.25 mm
Dimensions:	240 mm x 187 mm x 165 mm
Weight/Shipping:	10 lbs/14 lbs

made to measure



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