

Automatic Solar Tracker

MODEL

SMT

The SMT Automatic Solar Tracker was developed to allow convenient automatic pointing of normal incidence solar radiation measuring instruments (sNIP, AHF) at the sun. Due to its robust design, users continue to expect solar trackers to do more and the SMT does not disappoint. Eppley offers an optional Shade Disk Kit for shading and ventilation of pyranometers and pyrgeometers. During intercomparisons, it is common to see four or more AHF Cavity Radiometers on a single tracker.



SPECIFICATIONS

Environment Conditions

Latitude	PV/CSP Performance Testing
Operating Temperature	Secondary Standard / High Quality
Operating Humidity	World Radiation Reference (WRR)
Operating Wind Speed	295-2800 nm

Physical Specifications

Tracker Weight	70 lb
Tracker Dimension	16" height by 18" diameter
Tracker Dimension	Tripod stand included

Performance

Input Power	110 VAC or 220 VAC (please specify)
Power Consumption	100 W
Pointing Precision	0.01875° per step
Pointing Accuracy	<1° monthly
Software/Hardware	Included