

Daystar Multi-Tracer Characteristics

- * Offers a complete solution for long-term testing of PV modules.
- * Reliable, accurate, low maintenance requirements – Daystar has been selling Multi-Tracers for 8 years.
- * Individual control of up to 16 PV modules (expandable).
- * Peak power tracking or constant voltage operation; IV curves at scheduled intervals.
- * Can measure positive grounded, negative grounded, or floating PV sources.
- * Two-decade Current Ranges, accuracy ~0.2%
- * Three-decade voltage ranges, accuracy ~0.2%.
- * 3200 Watt and 2400 Watt units available (expandable).
- * Base Multi-Tracer includes 24 thermocouple inputs, Type T standard.
- * 4-Wire Kelvin load PV connection to measure voltage.
- * On-board data storage. FTP file transfer.
- * Universal AC power 85/264 Vac, 50/60Hz.
- * Operated on Ethernet local area network.
- * Base Multi-Tracer has 8 analog voltage inputs; auto-scaling 4 decades to ± 5 Volts.
- * Voltage, current, irradiance and temperature are saved for each module.

Daystar Multi-Tracer Software Capabilities

- * User communications through Firefox browser.
- * Extensive Help Menu
- * Data files retrieved with FTP client software.
- * Daily MTD data file with averaged data for each module plus weather data.
- * IV curves data file in XML format.
- * Data analysis including IV curve normalization with IVPC software.