

STIMULATORS



The Redwire Stimulator System uses infrared LEDs to illuminate the cells of each sun sensor.

The Sun Sensor Stimulator System provides a practical means to obtain optical stimulus for the ground checkout of sun sensor hardware. Using the Sun Sensor Stimulator System, your organization can:

- + Verify sun sensor functionality, including sun angles, sun presence, and spin pulse (if applicable)
- + Provide Sensor Aliveness testing over temperatures in a vacuum
- + Verify flight harnesses



Control Panels contain the necessary circuitry to properly drive an array of Stimulators. The panels contain front panel controls and/or computer inputs, as indicated by the customer. Control panels are powered from 120 to 240 VAC, 50 or 60 Hz.

The stimulators are fully compatible with vacuum chambers, and can be used over an approximate temperature range of -30° to +60° C.

Redwire recommends using a Redwire Control Panel with each group of Stimulators. Alternately, the stimulators can be operated using customer-built driver circuits. Redwire will assist customers in specifying the appropriate drive signals for any purchased stimulator hardware.

PARAMETERS

STIMULATOR CONTROL PANEL:
120 TO 240 VAC
50 OR 60 HZ

Power Requirements

RANGE: -30° TO +60°

Effective Operating Temperatures



MADE IN THE USA

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HERITAGE

Redwire is a new leader in mission critical space solutions and high reliability components for the next generation space economy. With decades of flight heritage combined with the agile and innovative culture of a commercial space platform, Redwire is uniquely positioned to assist its customers in solving the complex challenges of future space missions. For more information, please visit www.redwirespace.com.

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