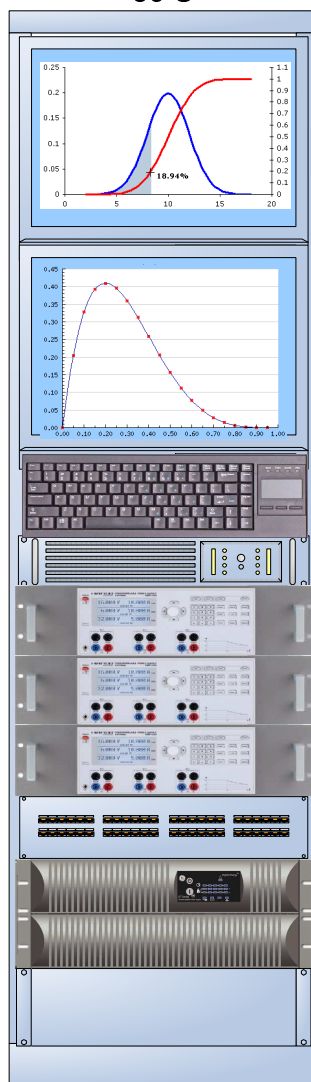


Automotive Lights Test Device

39 U



Temperature
Graph

Power Supply
graph &
Programming

Keyboard

Server

3 X Power
Supply
= 6 CH

Thermocouple
input

UPS

Thermocouple
& cables box

Specifications:

Power supply

- 6 Channels 0...32V/ 0...20A
- 640W X 3 Output Power realized by intelligent Power Management
- Low Residual Ripple: <math><150\mu\text{Vrms}</math> due to linear Post Regulators
- High Setting- and Read-Back Resolution of 1mV up to 0.2mA
- Galvanically isolated, earth-free and short circuit protected Output Channels
- FuseLink: Individual Channel Combination of Electronic Fuses
- Free adjustable Overvoltage Protection (OVP) for all Outputs

Temperature aquisition

- Temperature Measurement Range: -200°F to +600°F (-129°C to +316°C)
- Accuracy: $\pm 0.9^\circ\text{F}$ (0.5°C) + 0.1% of reading
- Input Channels Supported: 16 channels

Automotive light equipments

- Acquisition frequency 2/sec to 1/h (software configurable)
- Thermocouples Supported: Uses ungrounded K type insertion style thermocouple that is permanently affixed, other probes styles are available via custom order.

Software:

- Support test scenarios for headlights or for rear lights.
- Test reports with preset limits.
- Save/Load Test scenarios
- Visual graph representation for temperature, voltage, current, power
- Test simulation
- Calibration module

Other specifications

- Two 22" LCD display (one for temperature acquisition and other for power supply acquisition)
- UPS for voltage drop (30 min)
- Thermocouple box

Automotive light equipments

- Keyboard and touchpad
- Laser printer for Instant printing of reports.