

AP-24SD

Standard Duty Goniophotometer

Automated Photometer System

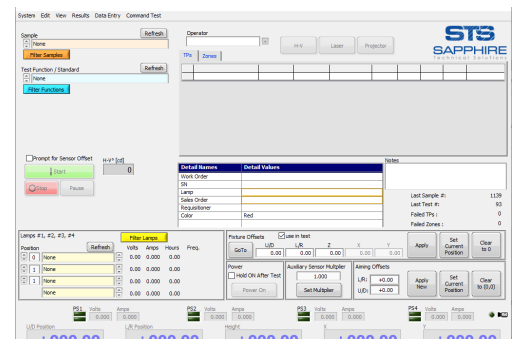
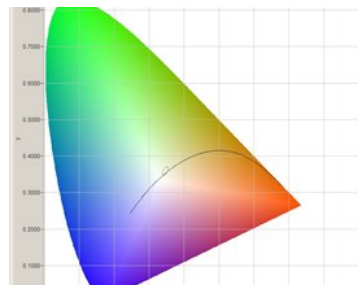
The AP-24SD is the main component of an automated photometer system. It is a standard duty automated machine capable of positioning smaller lamps and testing fixtures.

COMMITTED TO INNOVATION

AS A GLOBAL LEADER IN OUR FIELD, WE OFFER A VARIETY OF COST-EFFECTIVE, SCALABLE SOLUTIONS FOR PHOTOMETRIC AND ENVIRONMENTAL TESTING ACROSS A RANGE OF COMMERCIAL LIGHT TESTING INDUSTRIES. WE STRIVE TO BE AN INDUSTRY VOICE FOR MODERNIZATION AND IMPROVED STANDARDIZATION.

CERTIFICATIONS & MEMBERSHIPS

- IEC/ISO-17025 Certified
- GTB Delegate - Automotive Lighting & Light Signaling Expert Group (EU)
- SAE Automotive Lighting Committee
- SAE Aerospace G20 & A20 Committee
- SPIE - International Society of Optical Engineering
- IEEE - Institute for Electrical & Electronics Engineers
- IESNA - Illuminating Engineering Society of North America
- ANSI - FL1 - Flashlight Standards Committee



TIMELY REPORTING

CUSTOMIZED REPORTS AVAILABLE IN MULTIPLE FORMATS.

UP-TO-DATE SOFTWARE

RUN WITH PHOTOSCALE, OUR PROPRIETARY SOFTWARE, THE OPERATING SYSTEM IS ALWAYS UP-TO-DATE.

ISO 17025 ACCREDITED TESTING LAB

A GLOBAL LEADER
 IN LIGHT MEASUREMENT TECHNOLOGIES.



We design and manufacture **highly customized** photometric testing equipment and software for our customers.

- GONIOPHOTOMETERS
- PHOTOMETERS
- CAMERA-BASED PHOTOMETRY
- SPECTORADIOMETERS
- VIBRATION TEST MACHINES
- INTEGRATING SPHERE
- CUSTOM EQUIPMENT
- SOFTWARE

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SOFTWARE CAPABILITIES



- Beam distributions and bird's eye plots for beam pattern analysis
- Ability to create custom testing requirements
- Networking and Data Storage using .html and .pdf formats for simple file retrieval and sharing

MEASUREMENT CAPABILITIES



- SAE, UNECE, FMVSS108, TSD108 (Canada), and other automotive exterior lighting regulations
- Small forward lighting, signal lighting, and sub modules of larger devices
- Marine Lighting USCG, ABYC, NMMA
- FAA and ICAO aerospace and airport lighting regulations.

SPECIFICATIONS



- Photometric Range: 0.01 to 2,000,000 cd, photo-detectors with internally digitized sensors
- White Uncertainty <1%, Red <3%, Amber <2%. Intensity Linearity Error <2%
- Positional Accuracy: 0.01 degree resolution on U/D and L/R with 0.02 degree repeatability on L/R, 0.08 degree repeatability on U/D
- Horizontal (L/R) Travel: -180 to 180 degrees
- Vertical (U/D) Travel: -100 to 100 degrees
- Center Height Travel: 10.75 inches. Maximum Load: 11.3kg (25lbs)
- Maximum Rotational Clearance: 24 inch diameter
- Bar Code reader option
- Compact Size: 24" W x 27" D x 31" H
- ISO/IEC 17025 Accredited Calibration Transfer Standards



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