



FFP-500



FFP-Series

Light Pattern Analyzing Systems

Far-Field Photometer (Patent Pending)

The FFP series is the “new standard” in forward light pattern analysis. The series decreases the space needed for light testing and is robust enough to handle production floor testing. It can automatically measure FAA and ICAO inset and evaluated test requirements. By using Photoscale, our proprietary software, the operating system is always up-to-date.

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

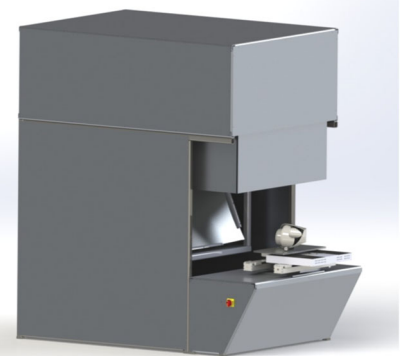
- IEC/ISO-17025 Certified
- GTB Delegate - Automotive Lighting & Light Signaling Expert Group (EU)
- SAE Automotive Lighting Committee
- SAE Aerospace G20 & A20 Committee
- SPIE - International Society of Optical Engineering
- IEEE - Institute for Electrical & Electronics Engineers
- IESNA - Illuminating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

VARIOUS CONFIGURATIONS

FFP SYSTEM CAN BE CONFIGURED FOR USE IN VARIOUS MEASURING APPLICATIONS.

FULL-FEATURED FFP WITH AP-60 SYSTEM

For reference, beside rendering depicts the full featured FFP with AP-60 system. AP-48 and other versions of the FFP are typically smaller and produce a smaller footprint.

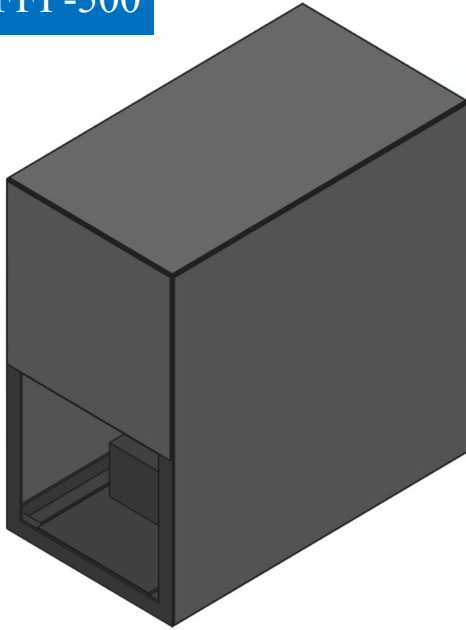


FFP-200

ISO 17025 ACCREDITED TESTING LAB

A GLOBAL LEADER
 IN LIGHT MEASUREMENT TECHNOLOGIES.

FFP-500

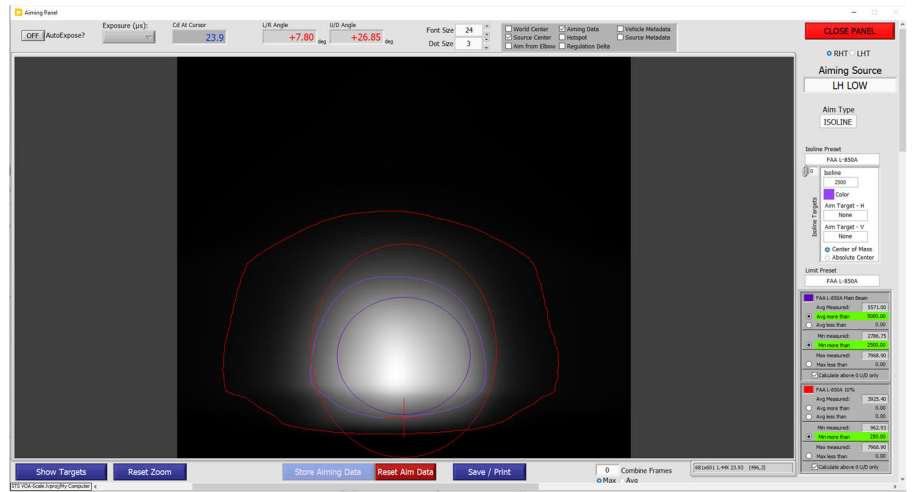


We design and manufacture **highly customized** photometric testing equipment and **software** for our customers.

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

SOFTWARE CAPABILITIES

- ◇ Automated acquisition and storage of the lighting pattern for analysis and comparison. Single process records and stores alignment and intensity information for improved efficiency and time savings.
- ◇ High-dynamic-range CCD-based data acquisition system. Designed for accurate data recording comparable to a goniophotometer system.
- ◇ Data acquisition software capable of implementing purchased custom requirements.



MEASUREMENT CAPABILITIES

- ◇ Measures beam distribution truncated to +/- 15 degrees L/R and -5 to 30 U/D field of view in static system. +/- 180 degrees L/R in system equipped with rotary stage
- ◇ Provides beam distributions, pass/fail for FAA/ICAO test results
- ◇ Software capable of assisting operator with onscreen aiming and instant feedback
- ◇ Other models available for PAPI evaluation

FEATURES

- ◇ Multi-level user permissions from simple start/stop use to admin user
- ◇ Ability to export data for customer manipulations
- ◇ Virtual Test Distances: Infinity (100ft, 25m, 10m, and other requested distances available)
- ◇ Entrance mounting height is 32 inches off the floor for adding your fixture/lamp in front of the unit
- ◇ Rotary table for expanding the L/R axis field of view to full 360 degrees
- ◇ Barcode reader
- ◇ Virtual Test Distances
- ◇ Optional model: Benchtop tester for inset, elevated, and PAPI lighting
- ◇ Available option to add a rotary table for expanding the L/R axis field of view to full 360 degrees