



### Description:

The VP-100 is a vertical reflex photometer/ retro-reflex comparator capable of performing measurements to approximate the value of:

- SAE, ECE, JIS, FMVSS108, TSD108 (Canada), and other automotive exterior lighting regulations
- Retro-reflex, and other custom testing
- Signal lighting (with additional hardware)
- Other custom testing

### Specifications:

- Photometric Range: 0.01 to 2000cd/fc, photo-detectors with internally digitized sensors. White Uncertainty <1%, Red<3%, Amber<2%. Intensity Linearity Error <2%
- LabVIEW-based software package for data acquisition and system calibration
- Data storage and exporting via network for availability to Q.C, statistical analysis, etc.
- Pass/Fail verification for in-line testing
- 20 foot testing distance with a collimated 10 inch (254mm) projected beam @2856 K C.C.T.
- Small Floor space: 60"W x 48"D x 12'H
- N.I.S.T Traceable Calibration Transfer Standards
- Stand alone, commercially available power supply with high resolution, accurate current, and voltage control
- Live, real-time photometer data
- Industrial touch-screen computer mounted on articulating monitor arm
- Simple hook-up via 1 Ethernet cable
- Optional SPC Software available