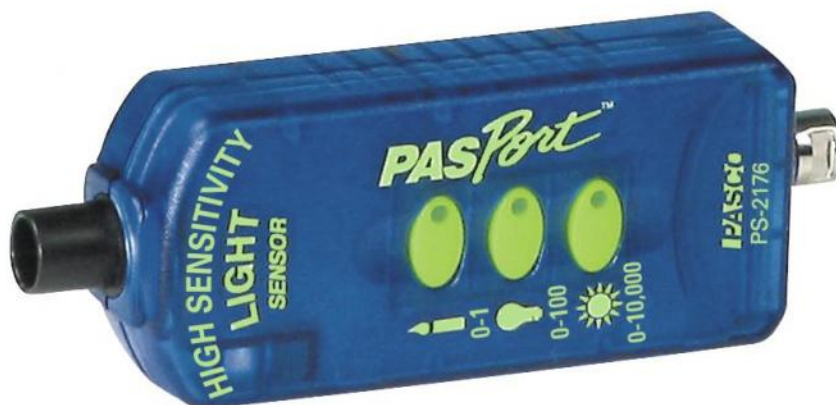


HIGH SENSITIVITY LUXMETER

Reference : PS-2176



This high-sensitivity luxmeter sensor is designed to perform measurements for both very low intensity lights and very high intensity lights.

Technical characteristics:

- Measurement ranges:
 - 0 to 1 Lux
 - 0 to 100 Lux
 - 0 to 10,000 Lux
- Sampling frequency: up to 1000 Hz
- Resolution:
 - ± 0.01 Lux at 1 000 Hz (over the measurement range 0 to 100 Lux)
 - ± 0.0005 Lux at 5 Hz (over the measurement range 0 to 100 Lux)
- Spectral response: 320 nm to 1100 nm
- Common applications:
 - Measurements of diffraction patterns
 - Spectrophotometry
 - Measurement of light intensity according to distance

