AccuPRO™

Digital Radiometer/Photometer

SPECTRO-UV®

The **AccuPRO™ XP-2000** readout unit features a single dual wavelength sensor designed to measure both ultraviolet and visible light, and is compliant with ASTM 2297.

The **AccuPRO™ Plus XP-4000** features a single 3-in-1 multi-purpose sensor that measures ultraviolet, visible and blue light.



Key Features

- Accurate readouts for UV-A irradiance as well as visible illuminance
- Overall accuracy greater than ± 5% per NIST standards
- Superior band-pass interference filter provides excellent cosine response
- One-touch PEAK with reset functions
- Three-button interface allows user to toggle between light measurement modes
- User-defined power save and automatic shutoff
- Multi-wavelength sealed sensor with water resistant housing directly attached to meter by 3 ft. (0.9 m) cord
- Convenient on-board recharging
- Powered by four (4) rechargeable "AAA" nickel-metal hydride batteries (included)
- Comes complete with AC charger and padded carrying case
- Large LCD screen - 4-digit autoranging display
- Rugged meter for better grip and to help prevent accidental breakage

UV-A LIGHT	VISIBLE LIGHT	BLUE LIGHT
XP-2000	XP-2000	—
XP-4000	XP-4000	XP-4000

Part Number	ASTM E3022* Designed	ASTM E2297 Designed	Irradiance Range- UV-A Sensor	Irradiance Range - Visible Sensor	Power Source	Overall Accuracy	Adaptors
XP-2000		X	0-100 mW/cm²	0-5,382 lux (0-500 fc)	4 - rechargeable "AAA" batteries	< ±5% with reference to NIST standards	A/B, C/F, I, G, ASTM A/B
XP-2000A	X	X	0-100 mW/cm²	0-5,382 lux (0-500 fc)	4 - rechargeable "AAA" batteries	< ±5% with reference to NIST standards	A/B, C/F, I, G, ASTM A/B
XP-4000		X	0-100 mW/cm²	0-5,382 lux (0-500 fc)	4 - rechargeable "AAA" batteries	< ±5% with reference to NIST standards	A/B, C/F, I, G

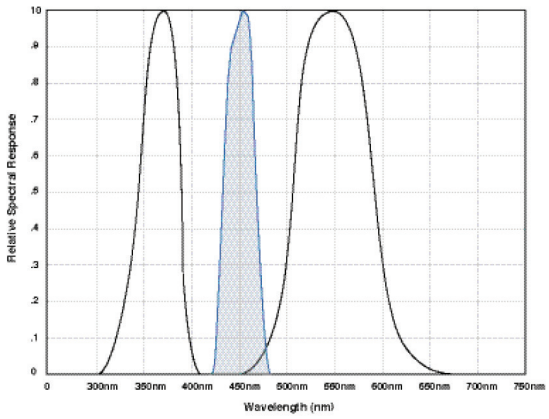
*Equipped with 0.5" sensor aperture.

MULTILINGUAL – now includes more languages. User-selectable, multilingual display settings at any operational level. Choose from English, French, German and Spanish.

AccuPRO™ XP-2000/4000

The **AccuPRO**™ meter features a dual wavelength UV/Visible sensor, while the **AccuPRO**™ **Plus** (Shown) features a 3-in-1 sensor that measures UV, Visible and Blue Light.

Dimensions	
Readout Unit -Length	6.0 in (15.2 cm)
Readout Unit - Width	3.0 in (7.6 cm)
Readout Unit - Thickness	1.0 in (2.5 cm)
Readout Unit - Weight	8 oz (227 g)
Sensor Detector - Length	3.0 in (7.6 cm)
Sensor Detector - Width	2.0 in (5.1 cm)
Sensor Detector - Thickness	0.5 in (1.3 cm)
Sensor Detector - Weight	5.6 oz (159 g)
Spectral Range - UV-A Sensor	320 - 400 nm
Spectral Range - Visible Sensor	460 - 675 nm
Spectral Range - Blue Light Sensor	410 - 475 nm *(XP-4000 only)*





XP-2000 AccuPRO™ Dual Sensor (UV-A/VIS)
Sensitive to UV and Visible Light

ASTM 2297 Compliant

Wavelength/Measurement Range

UV-A (365 nm) irradiance	0-100 mW/cm²
Visible (555 nm) illuminance	0-5,382 Lux (0-500 fc)

XP-4000 AccuPRO™ Plus
3-in-1 Sensor (UV-A/VIS/Blue)
Sensitive to UV, Visible Light and Blue Light

Conforms to **CEN/TR 16638**

ASTM 2297 Compliant

Wavelength/Measurement Range

UV-A (365 nm) irradiance	0-100 mW/cm²
Visible (555 nm) illuminance	0-5,382 Lux (0-500 fc)
Blue (450 nm)	0-100 mW/cm²

Technical Features	
Resolution	4-digit autoranging display 128 x 64 dot pixel chip on glass STN transmissive LCD 2.25 in (5.7 cm) diagonal illuminated (backlit)
Read Update	2 Hz
Overall Accuracy	Better than ±5% with reference to NIST standards
Temperature Coefficient	±0.025%/°C (0 to 50°C)
Power Requirement	Four "AAA" nickel-metal hydride batteries (rechargeable). AC charger included. *Available in 120V, 230V, 240V or 100V versions.*

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REV. 2 -10/26
PRINTED IN USA
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