AccuPRO™ Series
Digital Radiometer/Photometers

The AccuPro™ XP-2000 readout unit features a single dual-wavelength sensor detector designed to measure both ultraviolet and visible light.

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

These compact, lightweight, battery-operated units are ideal for use in the field, the factory or anywhere accurate light measurements are needed!

Key Features:

- Large, easy to read, LCD screen with 4-digit auto-ranging display
- Both units provide accurate readouts for UV-A irradiance as well as visible illuminance. AccuPRO™ Plus unit also measures blue light.
- Simply to use, three-button interface. Toggle between light measurement modes.
- Overall accuracy greater than ± 5% per NIST standards
- Superior band-pass interference filter provides excellent cosine response
- One-touch PEAK with reset functions
- User-defined power save and automatic shutoff

- User-selectable, multilingual display settings at any operational level. Choose from English, French, German, Chinese and Spanish.
- Rugged meter features protective rubber housing for better grip and to help prevent accidental breakage
- Sealed sensor with water-resistant housing
- Multi-wavelength sensor directly attached to meter by 3 ft. (0.9 m) cord
- Complies with ASTM specifications for MPI and FPI
- Convenient on-board recharging
- Powered by four rechargeable "AAA" nickel-metal hydride batteries (included)
- Comes complete with AC charger and padded carrying case

SPECIFICATIONS

Resolution	4-digit autoranging display 128 x 64 dot pixel chip on glass STN transmissive LCD 2.25 in (5.7cm) 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.

Dimensions
Readout Unit

• **Length**	6.0 in (15.2 cm)
• **Width**	3.0 in (7.6 cm)
• **Thickness**	1.0 in (2.5 cm)
• **Weight**	8 oz (227 g)

Sensor Detector

• **Length**	3.0 in (7.6 cm)
• **Width**	2.0 in (5.1 cm)
• **Thickness**	0.5 in (1.3 cm)
• **Weight**	5.6 oz (159 g)

Spectral Range

UV-A Sensor	320-400 nm
Visible Sensor	460-675 nm
Blue Light Sensor	410-475 nm

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

Wavelength/Measurement Range
UV-A (365 nm) Irradiance	0-100 mW/cm2
Visible (555 lumens) Illuminance	0-5,382 Lux (0-500 fc)

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

Wavelength/Measurement Range
UV-A (365 nm) Irradiance	0-100 mW/cm2
Visible (555 lumens) Illuminance	0-5,382 Lux (0-500 fc)
Blue (450 nm)	0-100 mW/cm2

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The AccuPRO™ meter features a dual-wavelength UV/visible light sensor, while the AccuPRO™ Plus (shown) features a 3-in-1 sensor that measures UV, visible _and_ blue light.