TESTED TO COMPLY WITH BOTH

ASTM E2297 Standard | CEN/TR 16638

SPECTROLINE® NDT

AccuPRO™ SERIES

Digital Radiometer/Photometers

XP-2000 & XP-4000

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

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

Available in two versions:

The **AccuPRO™ (XP-2000)** readout unit features a single dual-wavelength sensor detector designed to measure both ultraviolet and visible light and is compliant with ASTM E2297.

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

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

AccuPRO™ SERIES XP-2000 & XP-4000

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
- User-defined power save and automatic shutoff
- Multi-wavelength sensor directly attached to meter by 3 ft (0.9 m) cord
- Convenient on-board recharging
- Powered by four rechargeable "AAA" nickel-metal hydride batteries (included)
- Comes complete with AC charger and padded carrying case

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.

Technical Features

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-4000 only)*

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

ASTM E2297 Compliant

Wavelength/Measurement Range

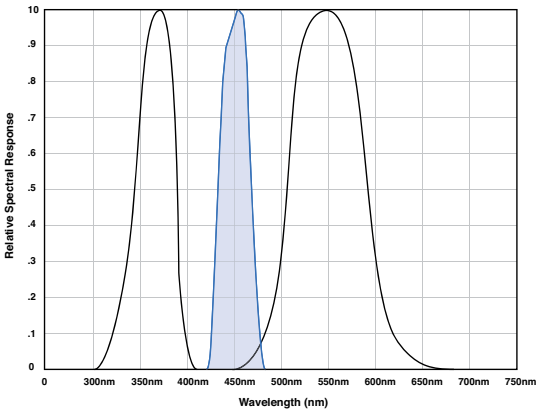
UV-A (365 nm) Irradiance	0-100 mW/cm²
Visible (555 nm) Illuminance	0-5,382 Lux (0-500 fc)

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

Conforms to **CEN/TR 16638**

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



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