TESTED TO COMPLY WITH BOTH

ASTM E2297 Standard | **CEN/TR 16638**

SPECTROLINE®
N D T

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.

MULTI-WAVELENGTH SENSOR
Sealed sensor with water-resistant housing

LARGE LCD SCREEN
4-Digit autoranging display

8%
43 uW/cm²
1788
19.23 fc
42.9

MENU

THREE-BUTTON INTERFACE
Toggle between light measurement modes

AccuPRO™ Plus XP-4000

SPECTRONICS CORPORATION
www.spectroline.com CE

PROTECTIVE RUBBER HOUSING
Rugged meter for better grip and to help prevent accidental breakage

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

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

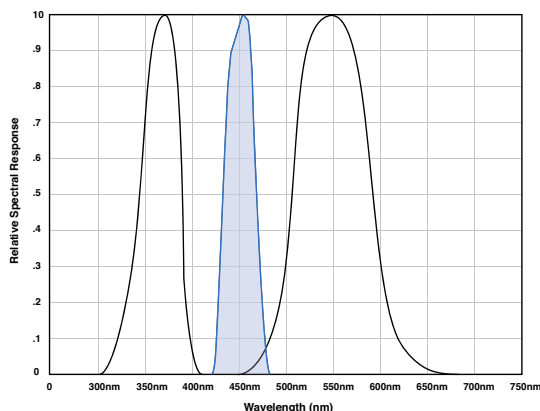| UV-A (365 nm) Irradiance	0-100 mW/cm²
Visible (555 nm) Illuminance	0-5,382 Lux (0-500 fc)

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

CE