

AccuMAX™

Advanced Digital Radiometer/Photometer Kit

XRP-3000A

The MOST Advanced, Microprocessor-Controlled Readout System

The **AccuMax™ XRP-3000A** is compact, lightweight and battery-operated for convenient use in the factory, field or any other location where measurements need to be taken. Measures both ultraviolet and visible light. Complies with ASTM specifications for MPI and FPI. Specially engineered for NDT applications.

**DUAL-
WAVELENGTH
SENSOR**
sealed with
water-resistant
housing



LARGE LCD SCREEN
4-digit autoranging display



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

KEY FEATURES:

- ▶ Microprocessor-controlled readout unit with dual-wavelength sensor detector
- ▶ Superior bandpass interference filter
- ▶ Choice of direct or USB connection between sensor detector and readout unit
- ▶ Excellent cosine response
- ▶ Sealed sensor housing and USB connection with water-resistant adapter

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



Technical Features

Readout Unit (XR-1000)

Resolution	4-digit autoranging display 128 x 64 dot pixel chip on glass transmissive monochrome LCD—2.8 in (7.1 cm) diagonal illuminated (backlit)
Sampling Rate	7.5 Hz (single sensor) 15 Hz (dual sensor)
Read Update	2 Hz
Overall Accuracy	Better than $\pm 5\%$ with reference to NIST standards
Temperature Coefficient	$\pm 0.025\%/^{\circ}\text{C}$ (0 to 50°C)

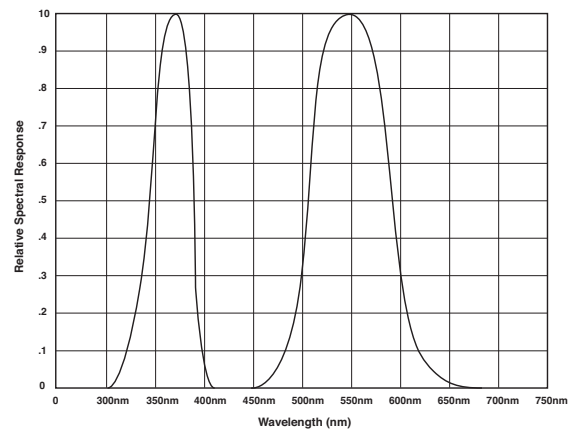
Dual UV-A/Visible Sensor Detector (XDS-1000A)

Irradiance Range	
• UV-A Sensor	0–100 mW/cm ²
• Visible Sensor	0–5,300 lux (0–500 fc)
Power Requirements	
Battery Operation	Two non-rechargeable 9V alkaline battery cells are included as standard
Dimensions	
Readout Unit	
Length	7.75 in (19.7 cm)
Width	4.25 in (10.8 cm)
Thickness	1.25 in (3.2 cm)
Weight	0.8 lb (360 g)
Sensor Detector	
Length	4.75 in (12.1 cm)
Width	2.0 in (5.1 cm)
Thickness	7/8 in (2.2 cm)
Weight	0.22 lb (100 g)
USB Cable	5 ft (1.5 m)



XRP-3000A Kit Includes:

Water-resistant USB cable with adapter	XCB-100
Rubber boot	XRB-100
Carrying case	XCC-100



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