TESTED TO COMPLY WITH

ASTM E2297 Standard

SPECTROLINE® NDT

AccuMAX™

Advanced Digital Radiometer/Photometer Kit

XRP-3000

The MOST Advanced, Microprocessor-Controlled Readout System

The **AccuMax™ XRP-3000** 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 – now includes more languages. User-selectable, multilingual display settings at any operational level. Choose from English, French, German and Spanish.

Stroud Systems, Inc. 713-861-3270 sales@stroudsystems.com

AccuMAX™ XS-555/L Luminance Sensor Detector

The perfect accessory for the AccuMAX Series meter. Ideal for technicians performing radiographic examinations. Meets ASTM E1742 standard.

The AccuMAX XS-555/L luminance sensor detector measures the brightness of a visible light source and, unlike many competitive units, allows the user the choice of displaying the results in three distinct units of measure: candelas per square meter (cd/m²), candelas per square foot (cd/ft²) and footlamberts (fL).

Specifications

Dimensions

Height	3.2 in (8.1 cm)
Length	3.0 in (7.6 cm)
Width	2.1 in (5.3 cm)
Weight	6.4 oz (181 g)

Luminance Range

0 - 1,000,000 cd/m²
0 - 90,000 cd/ft²
0 - 285,000 fL

Technical Features

Readout Unit (XR-1000)

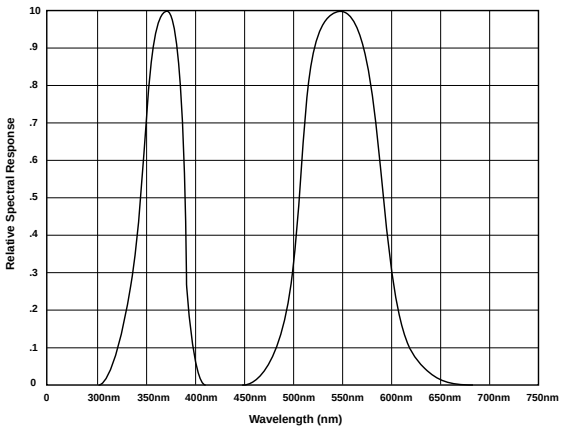
Resolution	4-digit autoranging display 128 x 64 dot pixel chip on glass transmissive monochrome LCD—2.8 in (7.1 cm) diagonal illuminated (backlit)
Sampling Rate	7.5 Hz (single sensor) 15 Hz (dual sensor)
Read Update	2 Hz
Overall Accuracy	Better than ±5% with reference to NIST standards
Temperature Coefficient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

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

Irradiance Range	
• **UV-A Sensor**	0–100 mW/cm²
• **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-3000 Kit Includes:

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



CE UKCA

Stroud Systems, Inc
Providing Material Testing Solutions Since 1962
602 Eagle Ave.
Pasadena TX 77506
713 861 3270
sales@stroudsystems.com www.stroudsystems.com

NDT
08/23 A18018-5
PRINTED IN USA