SPECTROLINE® NDT

AccuMAX™

Advanced Digital Radiometer/Photometer Kit

XRP-3000

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.

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 - Choose from English, French, German and Spanish.

UV-A LIGHT   **VISIBLE** LIGHT

DUAL-WAVELENGTH SENSOR
sealed with water-resistant housing

LARGE LCD SCREEN
4-digit autoranging display

USB CABLE
5 feet of sensor cable allowing for sensor portability where it is needed most

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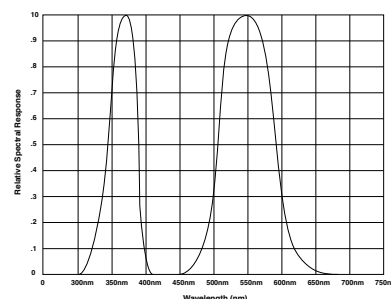rugged meter for better grip and to help prevent accidental breakage

Technical Features

	Readout Unit (XR-1000)	Dual UV-A/VIsible Sensor Detector (XDS-1000)
Length:	7.75 in (19.7 cm)	4.75 in (12.1 cm)
Width:	4.25 in (10.8 cm)	2.0 in (5.1 cm)
Height:	1.25 in (3.2 cm)	7/8 in (2.2 cm)
Weight:	0.8 lb (360 g)	22 lb (100 g)
USB Cable:	-	5 ft (1.5 m)
UV-A Sensor Range:	-	0–100 mW/cm^2
Visible Sensor Range:	-	0–5,300 lux (0-500 fc)
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 (Single Sensor)	7.5 Hz	-
Sampling Rate (Dual Sensor)	15 Hz	-
Read Update:	2 Hz	-
Overall Accuracy:	Better than $\pm5\%$ with reference to NIST standards	-
Temperature Coefficient	0.025%/˚C (0 to 50˚C)	-
Power Requirements:	Two non-rechargeable 9V alkaline battery cells are included as standard	-

XRP-3000 AccuMAX Kit

Comes complete with Readout Unit (XR-1000), Dual UV-A/Visible Sensor Detector (XDS-1000) , Water-resistant USB cable with adapter (XCB-100) , Rubber boot (XRB-100), Carrying case (XCC-100)

Model	Sensor	Spectral Range	Range In Units
XS-254	UV-C	230 - 280nm	0 - 100 mW/cm2
XTS-254	UV-C	230 - 280nm	0 - 3W/cm2
XS-300	UV-B	280 - 320nm	0 - 100mW/CM2
XTS-300	UV-B	280 - 320nm	0 - 3W/cm2
XS-365	UV-A	320 - 420nm	0 - 100mW/cm2
XTS-365	UV-A	320 - 420nm	0 - 3W/cm2
XS-405	UV-V	395 - 415nm	0 - 100mW/cm2
XTS-405	UV-V	395 - 415nm	0 - 3W/cm2
XS-450	Bilirubin	420 - 480nm	0 - 100mW/cm2
XTS-450	Bilirubin	420 - 480nm	0 - 3W/cm2
XS-555/I	Visible illuminance	460 - 675nm	0 - 5,300 lux (0 - 500 fc)
XTS-555/L	Visible luminance	460 - 675nm	0 - 1,000,000cd/m2 (0 - 90,000 cd/ft2) (0 - 285,000 fL)
XDS-1000	UV-A / Visible illuminance	460 - 675nm	0 - 5,300 lux (0 - 500 fc)

AccuMAX™ XS-555/L Luminance Sensor Detector