



UV Light Tester, 230-450nm

SISCO-HPCS-330UV



Introduction

The HPCS-330UV UV light tester is a professional device capable of measuring ultraviolet energy parameters across various wavelengths. It can detect multiple functional parameters including spectrum, UV irradiance, UVA, UVB, UVC, and wavelength, and supports the measurement of both broad-spectrum and narrow-spectrum light sources such as LED UV and visible light.

The instrument features a wireless Bluetooth split design, allowing the probe to be connected independently for real-time data measurement, viewing, and saving. Additionally, the device is equipped with multi-probe 485 communication technology, enabling multi-point data measurement and detection as needed.

Features

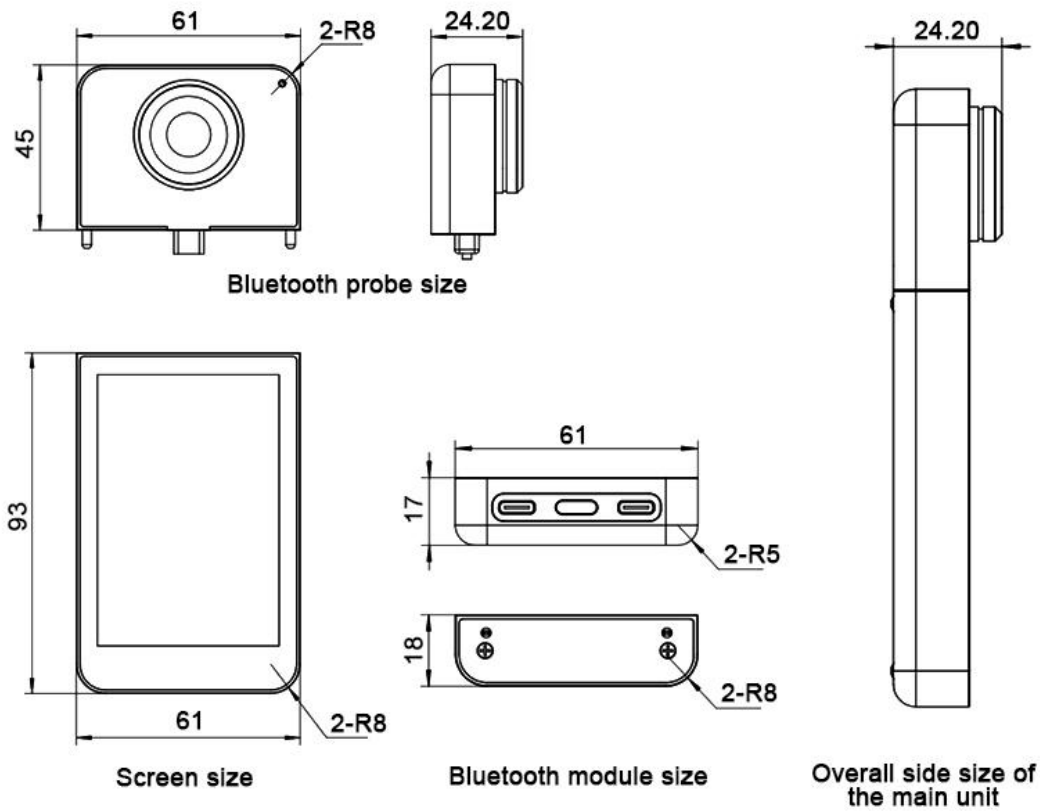
1. Separate probe and main unit with magnetic connection for convenient and flexible use.
2. Automatic switching between wired 485 and wireless Bluetooth connections for long-distance measurement.
3. 3.5-inch high-definition IPS capacitive touchscreen for spectrum and data display.
4. Large-capacity data recording.

Model	SISCO-HPCS-330UV
Wavelength	230-450 nm
Spectrometer Platform	Compact Cross Asymmetrical CT Spectrometer System
Sensor	High-precision CCD
Photodetector	Φ12mm Cosine Corrector
Wavelength Accuracy	±1nm
Irradiance Accuracy	Level 1 ±8%
Spectral Bandwidth (FWHM)	4nm
Integration Time	50us-10000ms
Display Screen	3.5-inch HD Touchscreen

Data Interface	Bluetooth/USB Type C
Bluetooth Communication Distance	0 ~ 10m (unobstructed)
Host Storage Capacity	512MB (Usable capacity 480MB)
Dimensions (LxWxH)	138*61*23.4 mm

UV Hazard Irradiance (mW/cm ²)	UVC Irradiance (mW/cm ²)	UVB Irradiance (mW/cm ²)
UVA Irradiance (mW/cm ²)	EUV Irradiance (mW/cm ²)	Eb Blue Light Irradiance (mW/cm ²)
Eg Green Light Irradiance (mW/cm ²)	Irradiance (mW/cm ²)	Half-width (nm)
Peak Wavelength (nm)	Center Wavelength (nm)	Centroid Wavelength (nm)
UV Energy (mJ/cm ²)		

Size (MM)



Software interface

USB connection to PC software for synchronous communication and testing, and PDF report printing

Application



Insect trap lamp



UVB phototherapy device



UVB medical light source



UV sterilization box



UV sterilization LED light



Dental curing testing



Mosquito killer lamp



UV curing testing