# ONLAB

# EV-2200 / EU-2200
## UV/VIS SPECTROPHOTOMETER

2200 series spectrophotometer is the ideal instrument for education and QC laboratories. They are simple to fit a curve by using your standard. They are widely used in colleges and quantitative analysis lab.

## ※ Features

Small fine design, space saving
The excellent optical and electric system
Low noise and Low stray light
Large LCD display (128*64 Dots), can display curve
High quality grating, detector and lamps
Data and Curve can be stored in real-time
Auto setting WL, auto Blank
Easy to change Pri-aligned lamps
Reinforced baseboard and bracket assures durability

## ※ Functions

Photometric: T%, Abs
Quantitative: Standard Curve
System Utility
WL Scan (Spectrum Scan) (PC)
Time Scan (Kinetics) (PC)
DNA/Protein Test (PC)
Multi-WL Test (PC)

## ※ Specifications

| Model | EV-2200 | EU-2200 |
|---|---|---|
| Wavelength Range | 320~1100nm | 190~1100nm |
| Spectral Bandwidth | 4.0nm | |
| Optical System | Single Beam, Blazed Holographic Grating (1200 lines/mm) | |
| Wavelength Accuracy | ±1.0nm | |
| Wavelength Repeatability | ≤0.3nm | |
| Wavelength Setting | Auto, Resolution 0.1nm | |
| Photometric Range | 0~200%T, -0.3~3A, 0~9999C | |
| Photometric Accuracy | ±0.003A (0~0.5A), ±0.005A (0. 5~1A), ±0.5%T (0~100%T) | |
| Photometric Repeatability | ≤0.002A (0~0.5A), ≤0.003A (0. 5~1A), ≤0.3%T (0~100%T) | |
| Stray Light | ≤0.2%T(220/360nm) | |
| Scan Speed | High, Medium, Low. Max. 1000nm/minute | |
| Baseline Flatness | ±0.004A | |
| Stability | ±0.002A/h (500nm,0A) | |
| Noise | ≤0.2%T/3min (250/500nm,0%T); ≤0.5%T/3min (250/500nm,100%T) | |
| Sample Compartment | Accommodate 5-100mm Pathlength Cuvette | |
| Detector | Silicon Photodiode | |
| Lamps | Tungsten Lamp & Deuterium Lamp (Pre-aligned) | |
| Display | Graphic LCD (128x64 Dots) | |
| Keypad | 11-key Membrance Keypad | |
| Output Port | USB Port & RS232 Port | |
| Printer | Mini Serial Printer; PC Printer | |
| PC Software | Optional PC Scanning Software | |
| Power Requirement | AC90-250V, 50/60Hz | |
| Dimensions(WxDxH) | 431x318x195mm | |
| Weight | 14kg | 16kg |