



# E-1000 Series

---



## Introduction

- Smooth appearance design
- Ingenious color assortment
- White backlit LCD screen
- Oval buttons
- Easy parameter setting and microprocessor make the operation more convenient

## Main Features

---

- 70\*40 mm backlit LCD screen can show complete parameters like T,A,C,K.
- Calibrate 0%A and 100%T automatically.
- Large sample compartment can hold various cells from 5mm to 100mm and meet different test requirements.
- RS232 port for printer(optional) and PC software(optional and only compatible with XP system).
- Automatic lamp switches and manual wavelength setting.
- Save and view the test data.



## Specifications

| MODEL                          | E-1000V                            | E-1000UV                        |
|--------------------------------|------------------------------------|---------------------------------|
| Display                        | 70*40mm backlit LCD                |                                 |
| Wavelength Range               | 320 - 1020nm                       | 190 - 1020nm                    |
| Spectral Bandwidth             | 4nm                                |                                 |
| Wavelength Accuracy            | $\pm 2\text{nm}$                   |                                 |
| Wavelength Repeatability       | $\leq 1\text{nm}$                  |                                 |
| Photometric Accuracy           | 0.5%T                              |                                 |
| Photometric Repeatability      | 0.2%T                              |                                 |
| Stray Light                    | $\leq 0.15\%T@360\text{nm}$        |                                 |
| Stability                      | 0.002A@500nm                       |                                 |
| Output Port                    | RS232                              |                                 |
| Light Source                   | Tungsten Halogen Lamp              | Tungsten Halogen/Deuterium Lamp |
| Power Requirements             | 110-220V, 50-60Hz                  |                                 |
| Photometric Range              | 0-200%T, -0.3-3A, 0-9999C(0-9999F) |                                 |
| Shipping Dimensions And Weight | 530*460*320mm, 9 kg                |                                 |