



# SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BEY1D2 (BSSBV-204-B)

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## SPECTROPHOTOMETER



- Precision Lead Screw Structure  
Higher wavelength accuracy and wavelength resolution (0.1nm).
- Complete Numerical Keys; Automatic Wavelength Setting  
All parameters can be easily set, like wavelength and concentration.
- Easy Data Output by USB/Parallel Port  
USB Port: Connect to computer and operate through PC software. ( PC software is optional.)  
Parallel Port: Connect to micro thermal printer to print test data. ( A Micro thermo printer is optional.)
- 8mm thick Optical Base  
All optical components are fixed on a 8mm thick rigid die-cast aluminum board to promise higher stability and reliability.

## SPECIFICATIONS

| Model                     | BEY1D2                       |
|---------------------------|------------------------------|
| Old Model                 | BSSBV-204-B                  |
| Wavelength Range          | 190-1100 nm                  |
| Bandwidth                 | 2 nm                         |
| Wavelength Accuracy       | ±0.5 nm                      |
| Wavelength Repeatability  | ≤0.2 nm                      |
| Wavelength Setting        | Automatically                |
| Photometric Accuracy      | ±0.2%T                       |
| Photometric Repeatability | ≤0.1%T                       |
| Photometric Range         | -0.3-3A, 0-200%T, 0-9999C    |
| Stability                 | ≤0.001A/30 min at 500 nm     |
| Stray Light               | ≤0.05%T at 220 nm & 360 nm   |
| Output                    | USB port & Parallel Port     |
| Display                   | 128*64 Dots LCD              |
| Light Source              | W Lamp & D2 Lamp             |
| Detector                  | Silicon Photodiode           |
| Power Requirements        | AC110/220V, 50/60Hz          |
| Alt Name                  | UV Visible Spectrophotometer |

## ACCESSORIES FOR PURCHASE

| No | Name                               | Quantity | Unit |
|----|------------------------------------|----------|------|
| 1  | Spectrophotometer                  | 1        | unit |
| 2  | 1cm Glass cuvette                  | 4        | pcs  |
| 3  | 1cm Quartz cuvette (only UV model) | 2        | pcs  |
| 4  | Power cord                         | 1        | pcs  |
| 5  | User's manual                      | 1        | pcs  |
| 6  | Dust cover                         | 1        | pcs  |

## FEATURES

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- Imported Tungsten Lamp and Deuterium Lamp

Longer service life, much more stable.

Lower stray light, higher photometric accuracy.

- Quick to Establish Standard Curve

Quick to establish a standard curve and measure the unknown samples.



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