



SCANNING UV VISIBLE SPECTROPHOTOMETER BFU-1304

SCANNING UV VISIBLE SPECTROPHOTOMETER BFU-1304

SCANNING SPECTROPHOTOMETER



1. Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
2. The instrument has basic functions of photometric analysis and quantitative analysis. With PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc.
3. Adopts 51 microcomputer systems, and can store 200 test data and 100 standard curves.
4. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.
6. Extensive accessories are optional, such as 50/100mm manual 4-cell holder, au

SPECIFICATIONS

| | |
|---------------------------|---|
| Model | BFU-1304 |
| Optical System | Single Beam, Grating 1200 lines/mm |
| Wavelength Range | 320-1100nm |
| Spectral Bandwidth | |
| Wavelength Accuracy | ±0.5 nm |
| Wavelength Repeatability | <=0.1 nm |
| Photometric Accuracy | 0.3%T |
| Photometric Repeatability | 0.2%T |
| Photometric Range | 0-200%T, -0.3~3A, 0-9999C |
| Stray light | 0.05%T |
| Stability | ±0.0001A/h @500nm |
| Baseline Flatness | ±0.002 A |
| Noise | ±0.001 A |
| Work Mode | T, A, C, E |
| Wavelength Setting | T, A, C, E |
| Display | 130*64 LCD |
| Light Source | Imported Tungsten lamp |
| Detector | Imported Silicon Photodiode |
| Cuvette Holder | 10mm manual 4-cell holder |
| Output | USB, RS232 |
| Power | AC 110-220V 50-60Hz |
| Shipping Size | 700*580*340mm |
| Gross Weight | 20kg |
| Standard Accessories | 10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV), Power cord, User's Manual, PC software (UV) |
| Alt Name | Scanning Spectrophotometer |

FEATURES

1. Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
2. The instrument has basic functions of photometric analysis and quantitative analysis. With PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc.
3. Adopts 51 microcomputer systems, and can store 200 test data and 100 standard curves.
4. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
5. A large sample chamber can accommodate 5-100mm cuvettes of all kinds.

6. Extensive accessories are optional, such as 50/100mm manual 4-cell holder, auto 8-cell holder, film holder, 21 CFR compliant software, etc.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com