



**DOUBLE BEAM UV VISIBLE
SPECTROPHOTOMETER BFU-505**

DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER BFU-505

TOUCH SCREEN SPECTROPHOTOMETER



1. 10.1 inches color touch screen and windows graphic interface.
2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multiwavelength test, etc
3. In-house massive memory is capable of saving up to 1024M for test data & working curves.
4. Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
5. Socket type deuterium and tungsten lamps can make lamps switching without optics debugging and are easy to be replaced.
6. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.

SPECIFICATIONS

| | |
|---------------------------|--|
| Model | BFU-505 |
| Optical System | Double Beam, Grating 1200 lines/mm |
| Wavelength Range | 190-1100 nm |
| Spectral Bandwidth | 1nm |
| Wavelength Accuracy | ±0.1nm@656.1nm, ±0.3nm@all |
| Wavelength Repeatability | ≤0.1nm |
| Photometric Accuracy | 0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A) |
| Photometric Repeatability | ≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A) |
| Photometric Range | 0-200%T, -0.3~3A, 0-9999C |
| Stray Light | ≤0.03%T@220nm, 360 nm |
| Stability | ±0.0003A/h @500 nm |
| Baseline Flatness | ±0.001A |
| Noise | 0.0005A@500nm |
| Work Mode | T, A, C, E |
| Scanning Speed | Hi, Med, Low (Max. 3000 nm/min) |
| Wavelength Setting | Auto |
| Display | 10.1 inches Color Touch Screen |
| Light Source | Deuterium & Tungsten lamp |
| Detector | Imported Silicon Photodiode |
| Cuvette Holder | 10mm single hole cell holder |
| Output | USB drive, USB host, RS232 |
| Power | AC 110-220V 50-60Hz |
| Shipping Size | 810*660*390mm |
| Gross Weight | 45kg |
| Standard Accessories | 10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software |
| Alt Name | Touch Screen Spectrophotometer |



FEATURES

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6. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
7. Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, integrating sphere, reflection accessory, built-in printer, 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