



## Advanced Single Beam Microprocessor UV-VIS Spectrophotometer With Scanning Software

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**Darsun**Scientific

# Darsun Scientific

## Advanced Single Beam Microprocessor UV-VIS Spectrophotometer With Scanning Software

DSB-295



### Product Features

1. Large LCD screen (128\*64) Dots
2. Can display and save 50 groups of data, 5 groups per screen
3. Data can be restored after a sudden power cut
4. Auto setting Wavelength
5. Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime
6. Automatic WL. Calibration and dark current
7. Getting. With Scanning

Model	DSB-295
Optional System	Single - Beam, Grating
Wavelength Range	190 - 1000nm
Bandwidth	2nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Photometric Accuracy	±0.5%T
Photometric Repeatability	0.3%T
Photometric Range	-0.3-3A,0-200%T
Stray Light	<0.3%T
Stability	±0.002A/h @500nm
Display	128*64 Dots LCD
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10-100 mm cell changer
Light Source	Tungsten & Deuterium lamp
Output	USB port & Parallel port (printer)
Power Requirements	AC 85 - 250V
Dimension	420x280x180mm
Weight	20kg

A mode: continuously measure the absorbance of sample



C mode: standard curve method, can use at most 9 standard sample to create a new standard curve, and to measure the unknown sample by the new one



T mode: continuously measure the transmittance of sample



F mode: coefficient method, input the know K and C to measure the unknown concentration samples.



### STANDARD CONFIGURATION

Main Set	1 No.
USB Cable	1 No.
Accessory kit, including a 4 glass cell (10 mm)	1 No.
2 Quartz Cell (10 mm)	1 No.
Operating Manual Software Manual	1 No.
Dust Cover	1 No.
Software CD	1 No.
Power Cable	1 No