

**Ray wild**

Ray Wild Limited Company  
Germany

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We focus on high quality products with competitive prices and after sales service

## **SPECTROPHOTOMETER 2400 UV-VIS DOUBLE BEAM**

Automatic eight-pool sample holder

PC control software (Windows® - based)



### ***Application:***

1. Physics, chemistry, medicine, biology, pharmacology, geology and other subjects for scientific research
2. Widely used in chemical, pharmaceutical, biochemical, metallurgy, light industry, material, environmental protection, medical laboratory in the quality control



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## Technique parameter

<b>Monochromator</b>	Split double beam, C-T monochromator, 1200 L/mm holographic grating
<b>Sensor</b>	silicon photocell
<b>Display Screen</b>	128*64mm blue LCD
<b>Wavelength Calibration</b>	automatic calibration after starting up
<b>Wavelength Resolution</b>	0.1 nm
<b>Light Source</b>	deuterium lamp, tungsten lamp (20W/12V)
<b>Light Switching Point</b>	can be set, 294 nm - 365 nm
<b>Wavelength Range</b>	190-1100 nm
<b>Spectral Bandwidth</b>	1.8 nm
<b>Wavelength Accuracy</b>	±0.5 nm
<b>Wavelength Repeatability</b>	0.2 nm
<b>Measuring Range</b>	0 ~ 200%T, -0.301 ~ 4.000Abs, -9999 ~ 9999C, -9999 ~ 9999F
<b>Transmittance Accuracy</b>	±0.3 %T
<b>Transmittance Repeatability</b>	0.1 %T
<b>Stray Light</b>	0.05 %T (at 220nm and 360 nm)
<b>Baseline Flatness</b>	≤±0.002 Abs (With UV-Solution software)
<b>Baseline Drift</b>	≤0.001 Abs / half hour (after warm-up at 500 nm)
<b>Data Output</b>	USB interface
<b>Power</b>	220V ± 10% 50Hz 85VA / 110V ± 10% 60Hz 85VA
<b>Sample Holder</b>	automatic eight-pool sample holder
<b>Quartz Cuvette (10 mm optical path)</b>	4
<b>Instrument Dimension</b>	545mm X 450mm X 235mm (L*W*H)
<b>Package Dimension</b>	660mm X 560mm X 400mm (L*W*H)
<b>Net Weight</b>	17.0 Kg
<b>Gross Weight</b>	26.0 Kg