



**Address:**  
**JAMBU PERSHAD & SONS**  
6275/22 Nicholson Road,  
Ambala Cantt, Haryana,  
INDIA  
Pin: 133001

**Email:**  
sales@japson.com  
japsonambala@yahoo.com

**Website:**  
www.japson.com  
**Phone:**  
+91-171-4006897

---

# Double Beam UV-VIS Spectrophotometer (With Variable Bandwidth)

## Product Image

---



## Description

---

Catalog No: 100082

Double Beam Microprocessor Based Ultra Violet and Visible Range (UV-VIS)

### SALIENT FEATURES

Spectrophotometer - Model 2203

- ✓ Double Beam Optics
- ✓ 320 x 240 Dots Graphical LCD
- ✓ Auto Wavelength Setting at 0.1nm interval
- ✓ On-screen Standard and Kinetic Curve Display
- ✓ Tungsten/Deuterium Lamp can be turned ON/OFF Individually to Extend Lifetime
- ✓ Application Software provides complete control of the instrument from a computer through the built-in USB Port.
- ✓ Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Protein modes
- ✓ Pre-aligned design makes it convenient to change Lamps
- ✓ Large Sample Compartment, can accommodate 5-100 mm path-length cuvettes with optional holders.
- ✓ Optional Sipper Pump

## TECHNICAL SPECIFICATIONS

✓ FUNCTION	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
✓ WAVELENGTH RANGE	190 - 1100 nm
✓ SPECTRAL BANDWIDTH	0.5/1.0/2.0/4.0/5.0nm (Variable)
✓ OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
✓ WAVELENGTH ACCURACY	± 0.3 nm
✓ WAVELENGTH REPEATABILITY	± 0.2 nm.
✓ SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
✓ PHOTOMETRIC ACCURACY	± 0.3 %T or ± 0.002 A/h @1A
✓ PHOTOMETRIC RANGE	%T : 0 - 200% Abs : -0.3 to 3A Conc. : 0 - 9999 C
✓ STRAY LIGHT	< 0.05 %T @ 220 nm & 340 nm
✓ STABILITY	± 0.001 A/h @ 500 nm
✓ DISPLAY	5 Inches 320 x 240 Dots Graphical LCD
✓ BASELINE FLATNESS	± 0.001A/h (200 - 1000 nm)
✓ SAMPLE COMPARTMENT	2 cell holder 10 mm path-length. (50 mm & 100 mm path-length optional at extra cost)
✓ LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
✓ PRINTER INTERFACE	Parallel port for Dot Matrix
✓ PC CONNECTIVITY	USB Port for PC Connectivity
✓ POWER	230 V ± 10% AC, 50 Hz
✓ DIMENSIONS (L x B x H)	Instrument : 760 x 550 x 240 mm (Approx.)
✓ WEIGHT	Instrument : 20.0 Kg. (Approx.)

## **ACCESSORIES**

- Quartz Cuvettes - A Set of 2
- Glass Cuvettes - A Set of 4
- Instruction Manual
- Software Manual
- Software CD
- USB Data Cable for PC Connectivity
- Mains Lead
- Dust Cover

## **Disclaimer**

---

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.