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Single Beam UV-VIS Spectrophotometer

Product Image



Description

Catalog No: 100085

Single Beam Microprocessor Based Ultra Violet and Visible Range (UV-VIS) Spectrophotometer - Model 29

SALIENT FEATURES

- ✓ Covers 190 to 1020 nm
- ✓ 4 Position Cuvette Holder
- ✓ LCD Data Display
- ✓ Printer Interface
- ✓ RS-232C Computer Interface
- ✓ Automatic Lamp Selection between UV & Visible Range

TECHNICAL SPECIFICATIONS

| | |
|----------------------------|---|
| ✓ WAVELENGTH RANGE | 200 - 1020 nm |
| ✓ SPECTRAL BANDWIDTH | 4 nm |
| ✓ OPTICAL SYSTEM | Single Beam, grating 1200 lines/mm |
| ✓ WAVELENGTH ACCURACY | ± 1 nm |
| ✓ WAVELENGTH REPEATABILITY | 2.0 nm |
| ✓ WAVELENGTH RESOLUTION | 2.0 nm |
| ✓ PHOTOMETRIC ACCURACY | ± 0.5 %T or 0.003 A@1A |
| ✓ PHOTOMETRIC RANGE | - 0.3 to 2A, 0 - 200 %T, 0 - 9999 Conc. |
| ✓ STRAY LIGHT | < 0.3 %T |
| ✓ STABILITY | ± 0.002 A/h @500 nm |
| ✓ DISPLAY | LCD |
| ✓ KEYBOARD | Soft Touch Membrane Keys |
| ✓ PHOTOMETRIC MODE | % Transmission, Absorbance and Concentration |
| ✓ DETECTOR | Silicon Photodiode |
| ✓ SAMPLE COMPARTMENT | Standard 4-Position 10 mm path-length cuvette holder. (Accommodates upto 100 mm path-length cuvette with optional holder) |
| ✓ LIGHT SOURCE | Tungsten and Deuterium Lamps |
| ✓ OUTPUT | RS 232 USB for PC Connectivity and Parallel Port for Dot Matrix Printer |
| ✓ POWER | 230 V±10% AC, 50 Hz |

ACCESSORIES

- Quartz Cuvettes - A Set of 2
- Glass Cuvettes - A Set of 4
- Instruction Manual
- Software Manual
- Software CD
- RS232 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.