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Microprocessor Spectrophotometer (Scanning Based)

Product Image



Description

Catalog No. 100788

Microprocessor Spectrophotometer (Scanning Based) - Model 41

TECHNICAL SPECIFICATIONS

| | |
|---------------------------|---|
| WAVELENGTH RANGE | 320 - 1100 nm |
| SPECTRAL BANDWIDTH | 2 nm |
| OPTICAL SYSTEM | Single Beam, grating 1200 lines/mm |
| WAVELENGTH ACCURACY | ± 0.5 nm |
| WAVELENGTH REPEATABILITY | 0.3 nm |
| WAVELENGTH RESOLUTION | 0.1 nm |
| PHOTOMETRIC ACCURACY | ± 0.3 %T or 0.003 A@1A |
| PHOTOMETRIC RANGE | -0.3 to 3A,0-200%T,0-9999 conc. |
| PHOTOMETRIC REPEATABILITY | ±0.2%T |
| STRAY LIGHT | <0.3%T |
| STABILITY | ±0.002A/h@500nm |
| DISPLAY | 128 x 64 Dots Large Graphical LCD |
| PHOTOMETRIC MODE | % Transmission, Absorbance and Concentration, Scanning etc. |
| KEYBOARD | Soft Touch Membrane Keys |

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|--------------------|--|
| SAMPLE COMPARTMENT | Standard 4-Position 10 mm path-length cuvette holder. (Accommodates upto 100 mm path-length, cuvette with optional holder) |
| LIGHT SOURCE | Tungsten Lamps |
| DETECTOR | Silicon Photodiode |
| OUTPUT | USB for PC Connectivity and Parallel Port for Dot Matrex Printer |
| PC SOFTWARE | Basic PC Software provided for quantitative /kinetic analysis with Professional PC Software for additional wavelength scan and DNA/Protein Test. |
| POWER | 230V±10% AC, 50 Hz |

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.