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# Microprocessor Spectrophotometer (Scanning Based)

## Product Image

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## Description

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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

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

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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.