

UV/VIS Spectrophotometer
OPTIZEN III

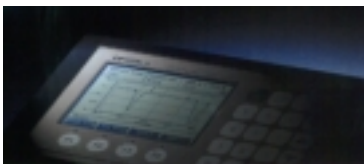
Best Solutions
... In Micro Automation and Analysis



OPTIZEN III

- ▷ High Precision Sine Driver
High precision & resolution
- ▷ Noise Reduction Circuit
Stable signal
- ▷ PC interface Windows Program *OptizenView™*
 - ABS/%T/ Concentration
 - Survey Scan
 - Standard Curve
 - Simple Kinetic Scan
 - ABS Ratio
- ▷ Automatic Rotary Cell Holder
Micro Step Control technology
Max. 8 ea

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Specification

- Model : Optizen III
- Spectral Bandwidth : < 1 nm
- Wavelength
 - Range : 190-1100nm
 - Accuracy : ±0.2nm
 - Repeatability : ±0.05nm
- Monochromator : Modified Czerny-Turner Type
With Blazed grating ($\lambda_b=313.2$ or 253.7)
- Scanning speed : 300nm/min ~ 3000nm/min
- Stray light : <0.05%T at 220 and 340 nm
- Photometric
 - Range : - 0.1 to 3.0A, 0% to 125%
 - Accuracy : ±0.003A From 0 to 0.3A
±1 % of reading from 0.3A to 2A
±2 % of reading from 2A to 3A
- Noise : 0.001A around 0A at 220 and 340nm
- Drift : 0.002A/hr at 340nm
- Stability : ±0.002A/h
- Light Source : Halogen lamp and deuterium lamp
- Display mode : LCD display
And VGA Color video display
- Sample holder : Automatic Rotary type
8- position multi-cell holder
- Interface ports : RS-232C and Centronics ports
- Wavelength slew rate : 1200nm/min
- Standard function : Abs/%T/Concentration
Survey scan
Standard curves
- Real time PC S/W : Automatic multi-cell measure
Advanced multi-survey scan
High order standard curves
Time based scan (simple kinetics)
Absorbance ratio
User defined function
- Power requirement : 220V/1A, 60Hz
- Dimensions : 490(W)mm x 430(D)mm x 235(H)mm

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