



# SI-129: MICROPROCESSOR AUTO ZERO COLORIMETER

AUTOMATIC SHUTTER | SILICON PHOTO DIODE DETECTOR

Convenience with Accuracy & Precision in Analysis



**COLORIMETER**  
%T 680 SZ.68

16x2 Character  
BL LCD Display



Auto Zeroing  
Facility

0  
260K



Built-in FILTERS  
(400-700nm)



Sample Tube  
Holder



## SI-129 FEATURES



Absorbance & %T  
Display

Display in terms of  
optical density.



Auto Zeroing  
Facility

Quick and easy  
calibration



Highly Accurate  
& Stable

Reliable  
measurements



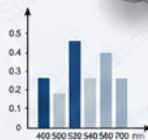
Wavelength Range  
(400-700 nm)

Comprehensive  
coverage



Soft Touch  
Keyboard

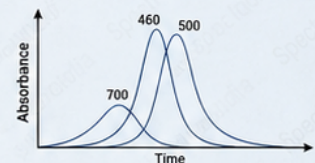
User-friendly interface



## TECHNICAL SPECIFICATIONS FOR SI-129

Parameter	SI-129	Specification
Wavelength Range	400 to 700 nm	
Resolution	1%T, 0.01 ABS	
% Transmittance	0-100% (Resolution 1%)	
Absorbance	0-1.99 (Resolution 0, 0.01)	
Detector	Silicon Photo Diode/Cell	
Display	Digital Alphanumeric BL LCD (16 character x 2 lines)	
Keyboard	Soft Touch Membrane type	
Auto Zeroing	Available	
Light Source	Solid-State Light Source (refocused tungsten lamp)	
Sample System	10mm path length matched glass test tubes	
Filters	400, 420, 480, 500, 520, 540, 620, 680 nm (Built-in gelatin filters)	
Power Supply	230V ± 10% AC, 50 Hz	
Dimension	245mm x 185mm x 110mm	
Weight	2 Kg. (Approx.)	

Auto Zero Photo Colorimeter is a compact and easy-to-operate instrument for colorimetric analysis of any solution concentration. Key components include sum a rotating disc filter setting, refocused tungsten lamp light source, and an automatic shutter to prevent photocell fatigue.



## ACCESSORIES INCLUDED

• Glass Test Tubes



• Operation Manual



• Dust Cover

