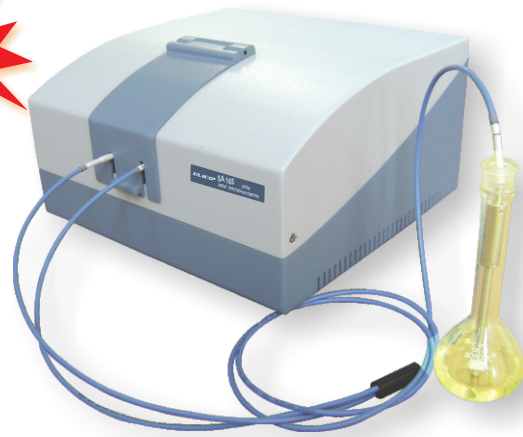


**S**ALIENT FEATURES AND BENEFITS

- Diode array based spectrophotometer
- Much faster than conventional instruments; with more precision, more sensitivity and more reproducible results
- It is simple to use and fixed optics make it robust
- Operated through PC



**A**PPPLICATIONS

- Ideal for use in research and industrial quality control environments
- Where very fast results are required

	SA 165	SA 208
<b>SPECTRAL</b>		
Range	190 to 800 nm	340 to 860 nm
Bandwidth	1.25 nm	2 nm
<b>LIGHT SOURCE</b>		
	Deuterium (D <sub>2</sub> ) & Tungsten (W) Halogen Lamps	Tungsten (W) Halogen Lamp
<b>DETECTOR</b>		
Spectral Resolution	Diode array detector-1024 Pixels 0.6125 nm per pixel	Diode array detector-512 Pixels Pixels pitch : 25 micron
<b>PHOTOMETRIC</b>		
Range	± 2 Abs	
Stability (Baseline)	0.003 Abs/hr. after 2 hour warm-up	
<b>DATA PRESENTATION &amp; CONTROL</b>		
	PC	
<b>DATA PROCESSING</b>		
PC Mode	Spectrum, Overlay, Time Scan, Up to 4th order derivative, Peak Picking, Spectra Zooming, Smoothing, Averaging, Comparison, Data saving and Retrieving	
<b>SAMPLE ATTACHMENT</b>		
Standard	2 position motorized cell holder to accommodate 10mm path length cuvettes	
Optional	<ul style="list-style-type: none"> <li>• Fiber optic dip probe attachment</li> <li>• Fiber optic coupled 10 mm path length cell holder</li> </ul>	

\* For detailed specifications contact ELICO Corporate office / Branches

\* Specifications subject to change due to continual development