

# • STAGE LINE COMPARISON •

**PRIOR**  
Scientific



SPECIFICATIONS	PROSCAN™ II SERIES	OPTISCAN™ II SERIES
Stage Travel Range	4x3 to 12x12	4x3
Stage Speed X,Y	To 60mm/second	8mm/second
Resolution X,Y	To 0.01µm	1µm
Resolution Z	To 0.002µm	0.1µm
Repeatability X,Y	0.2-2µm	5-7µm
Autofocus	Yes (Optional)	No
Linear Scales or Encoders	Yes. X,Y, and Z(Optional)	Yes. Z only(Optional)
Option for Three Filter Wheels	Yes	No, 2 Filter Wheels standard
Filter Wheel Speed	55 ms between adjacent positions	120 ms between adjacent positions
Option for Three Shutters	Yes	Yes
Standard RS232 Control	Yes (Baud rates from 9600 to 38,400)	Yes (Baud rates from 9600 to 38,400)
PCI Card Compatibility	Yes	Yes
Sample Holders	All standard holders available including custom designs upon request	All standard holders available including custom designs upon request
S Curve Acceleration	User definable	Fixed
Applications	<ul style="list-style-type: none"> <li>• Imaging applications, including image tiling, time lapse studies and precision scanning</li> <li>• Industrial &amp; semiconductor inspection</li> <li>• Measurement</li> <li>• Hardness Testers</li> <li>• High Speed Filter Wheel</li> <li>• High-throughput screening</li> </ul>	<ul style="list-style-type: none"> <li>• Imaging application where high XY accuracy is not required</li> <li>• Fluorescent image data acquisition</li> <li>• Slide Scanning</li> <li>• Petri dish analysis</li> <li>• Metallurgical analysis</li> <li>• Z-Only (focus) applications including stereology</li> </ul>