

• STAGE LINE COMPARISON •

PRIOR
Scientific



SPECIFICATIONS	PROSCAN™ III 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	1-2µm (<1µm with linear scales)	5-7µm
Linear Scales or Encoders	Yes. X,Y, and Z (optional)	Yes. Z only (optional)
Option for Six Filter Wheels	Yes	No, 2 filter wheels standard
Filter Wheel Speed	55 ms between adjacent positions	120 ms between adjacent positions
Option for Six Shutters	Yes	No, 3 shutters standard
Standard RS232 Control	Yes (baud rates from 9600 to 112,400)	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"> • Imaging applications, including image tiling, time lapse studies and precision scanning • Industrial & semiconductor inspection • Measurement • Hardness testers • High speed filter wheel • High-throughput screening 	<ul style="list-style-type: none"> • Imaging application where high XY accuracy is not required • Fluorescent image data acquisition • Slide scanning • Petri dish analysis • Metallurgical analysis • Z-only (focus) applications including stereology