

## Transmitted Light Stages



Meticulously crafted for applications requiring rear sample illumination, the Transmitted Light Stage consistently yields precise positional accuracy and repeatability for production testing, measuring, and inspection. Coupling tachometer feedback with glass scale linear encoders, our direct-drive DC motors remain efficient and effective. By simplifying the drivetrain input and monitoring real-time motion output, the Transmitted Light Stage is a plug and play solution to achieve exceptional accuracy, stability, and consistency.

<b>Specifications</b>		
	<b>150x150</b>	<b>200x200</b>
Travel	150mm x 150mm	200mm x 200mm
Load Capacity	16 kg	
Yaw	±2 arcsec	
Pitch	±5 arcsec	±6 arcsec
Straightness	±0.5µm (per 25mm)	
Max Straightness	±1.5µm	±2.0µm
Flatness	±0.5µm (per 25mm)	
Max Flatness	±1.5µm	±2.0µm
Bi-Directional Repeatability (with 1.0µm encoder)	±1.0µm	
Bi-Directional Repeatability (with 0.5 and 0.1µm encoder)	±0.5µm	
Accuracy (with 1.0µm encoder) ±3.0µm per 25mm	±6.0µm	±7.0µm
Accuracy (with 0.5µm encoder) ±2.0µm per 25mm	±4.0µm	±4.5µm
Accuracy (with 0.1µm encoder) ±1.0µm per 25mm	±3.0µm	±4.0µm
Orthogonality	±5 arcsec	
Max Speed	75mm/sec	