

Wave Front Sensor Assembly - Motion Parameters -3/04/03

Axis	Travel Range Required	Travel Rate	Ball Screw Lead	Encoder Resolution	Motion Resolution	
M1 Mirror Tilt Axis	linear = +/- 10 mm rotary = +/- 6.5 degrees	2 mm / sec	6mm lead	Rotary - 1000 ppr	Linear = 6 um	Tangent Arm = 88.9 mm
					Rotary = 13.9 arc-sec	
					Rotary (Quadrature) = 3.5 arc-sec	
Focus Axis	+/- 51 mm	10 mm / sec	6mm lead	Linear - 0.5um	Linear - 0.5um	
Camera Selection Axis	+/-75 mm	25 mm / sec	6mm lead	Linear - 0.5um	Linear - 0.5um	
Field Translation Axis	+ 490 mm / - 343 mm	50 mm / sec	10mm lead	Linear - 1.0 um	Linear - 1.0 um	