

CSC050 Stage



The CSC050 is a Z axis stage offering 50mm of travel. Like all of our stages, the CSC050 is capable of being modified to suit the needs for specific customer applications. This stage is driven by a precision rolled screw to achieve high precision accuracy, repeatability, flatness, and straightness of travel. The NEMA 17 motor mount used on the stage allows for a wide variety of stepper motor options. The CSC050 was originally developed for machine vision and optics products, but can offer great advantages throughout a variety of applications.

Specifications	
Travel	50mm
Drive Type	Precision Rolled Screw M8 x .61mm Lead
Accuracy	±20.0µm
Bi-Directional Repeatability	±8.0µm
Straightness	±5.0µm
Flatness	±5.0µm