



**Customer:**  
Elettra Sincrotrone Trieste  
S.S 14 KM 163.5  
Localita' Basovizza  
34012 - Trieste Italy



This six degrees of freedom High Precision Motorized Optical Table used Newport Corporation Research Grade breadboards with a grid of M6 tapped holes. The system base was made of a welded steel frame with a powder coated finish. Frames were filled with sand to reduce the table natural frequency and provide passive damping. When in use, the table rests on four machinery feet. When in transport, the feet are retracted and casters allow for easy handling. To learn more about Elettra please go to: <http://www.elettra.trieste.it/>

### Key Specifications:

<b>Degrees of Freedom:</b>	6
<b>Table Size:</b>	4' x 6' (1219mm x 1828mm)
<b>Vertical Travel (X, Y, Z):</b>	4" (100 mm), 10" (250 mm), 4" (100 mm)
<b>Load Capacity:</b>	1000 lbs. (454 Kg)
<b>Motion Repeatability:</b>	$\leq 1 \mu\text{m}$ (with encoder)
<b>Work Surface Holes:</b>	M6 Grid
<b>Breadboard:</b>	125 mm Newport
* Comes with large casters.	

