

**2D Material Transfer System: E1-T High precision and Multi-Functional Two-dimensional-Material microscopic Transfer/Stacking system.**

**Specifications**

<p><b>i. Microscopic Transfer Operation Platform :</b></p>	<p>The sample table is XYZ triaxial adjustable; travel range 20mm, system resolution of 0.002mm; platform tilting about the X-axis and Y-axis about 5 degrees; Adjust the rotation around the Z axis by <math>\pm 90</math> degrees, the micrometer is finely adjusted with a stroke of <math>5^\circ</math> and an adjustment accuracy of about <math>0.1^\circ</math>.</p>
<p><b>ii. Microscopic Imaging Optical System :</b></p>	<p>Zoom ratio of 1: 6.5, variable range of 0.7X-4.5X, standard working distance of 90mm, resolution 63-180lp/mm, 95mm long working distance of 20-times objective lens, continuous zoom, maximum magnification of 850 ~ 900 times.</p>
<p><b>iii. Multi-objective lens configuration:</b></p>	<p>5-hole nosepiece and adapter ring; 95mm long working distance objective lens: 5X objective lens, working distance: 44mm; 10X objective lens, working distance: 34mm; 50X objective lens, working distance: 20.1mm.</p>
<p><b>iv. Motorized in-plane rotation module and controller, application:</b></p>	<p>Double-layer twisted graphene and all kinds of twisted and dislocated heterojunction devices, the minimum rotation accuracy is <math>0.01^\circ</math>.</p>

1. Warranty: 1 year
2. Evidence of installation of similar system.
3. Installation required.