

All Stages allow assembly of multi-axis motorized stages

- **Micro-controlled Stepping Motor Controller**

1. One-axis controller
2. Two-axis controller
3. Three-axis controller

- **Rotary Motorized Stage**

OP Mount offers five different dimensions and diameters rotary stages for light and heavy duty applications.

- **Linear Motorized Stage**

Standard design or precision Enhanced design in extensive travel range. Driven by Two phase stepping motor applied to the Micro-Controlled Controller (STPH-series) Utilizing High speed coupling to combine stepping motor and main screw rod increase accuracy.

OP Mount provides various designs for your applications:

1. **Precision Screw M6x 0.25tpi driven on Linear precision stainless Rail**

----- MMT-A series

2. **C7 Ball-screw driven on Crossed-roller bearing with V-grooved hardened linear stainless steel.**

-----MTW series

3. **C7 Ball-screw driven on Linear precision stainless Rail**

-----PMT series

4. **C7 Ball-screw driven on Stainless Rods.**

-----MT-series

(Higher class ball-screw available: accuracy figure reference in 300mm travel)

C1: ±2.5um C3: ±4um C5: ±9um C7: ±50um C10: ±210um

- **Linear Manual Stage (HMT-series)**

While motorized systems is not necessary, the extensive travel range is required, OP Mount's Linear Manual stage can be the best choice.

PS.1. Translation stage ball-bearing screw rod accuracy reference range : within 300mm

C10→±0.21 mm (Request for Higher Resolution & Customized Production also accepted)