

Fiber Optic Dedicated Manual Stages

UFP Series High Sensitivity Manual Stages



Features:

- The coarse and fine double tuning structure is used for this stage, and the sensitivity is better than $0.5\mu\text{m}$
- Rotary stage sensitivity better than $23.4''$
- High stability and high cost-effective performance

Naming rules

UFP 1A- L

UFP: High sensitivity manual stage

Configuration:
1A:stage thickness 20mm
1B:stage thickness 25mm
1C:stage thickness 30mm
2T:two-dimension rotary stage

Drive location
L: left
R: right

Note: there is no difference about the right or left Drive location for UFP1A, UFP1B.

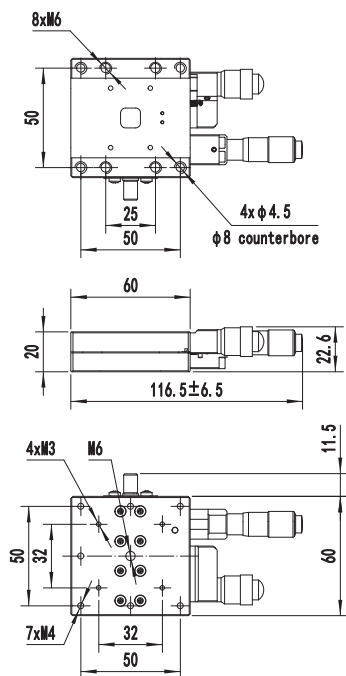
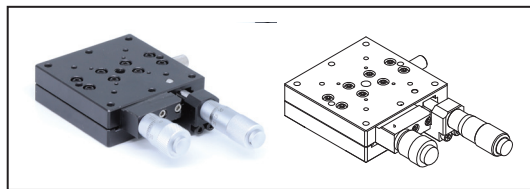
Selection chart

Model	UFP1A	UFP1B	UFP1C-L	UFP1C-R	UFP2T-L	UFP2T-R
Stage surface size(mm)	60×60				45×45	
Stage Thickness(mm)	20	25	30		-	
Travel range	coarse tuning: ±6.5mm; fine tuning: ±±0.3mm				θx: ±3° ; θy: ±3°	
Guide mechanism	Linear-slider guides		Crossed-roller guide		Crossed-roller ring	
Drive type	Micrometer					
Main body material, surface treatment	Black anodized aluminum alloy					
Weight(Kg)	0.28	0.32	0.4		0.64	
Sensitivity	Coarse: ≤10μm;Fine≤0.5μm				θx: ≤25.2" ;θy; ≤234	
Static parallelism	≤60μm				-	
Dynamic parallelism	≤10μm				-	
Dynamic straightness	≤3μm				-	
Horizontal direction(Kg)	5	5	5		1.5	

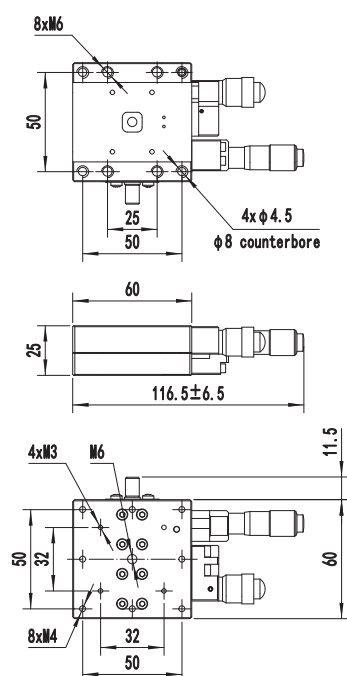
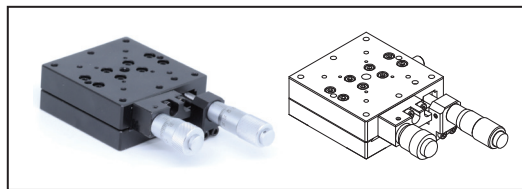


Dimensions:

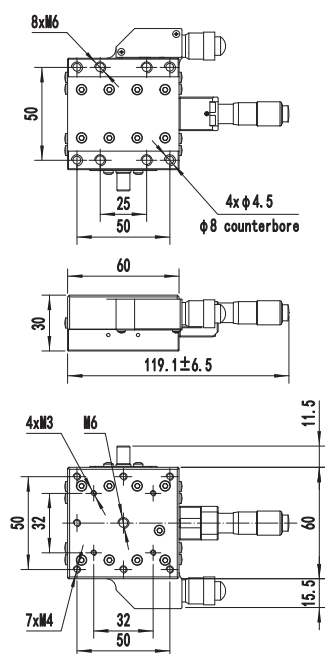
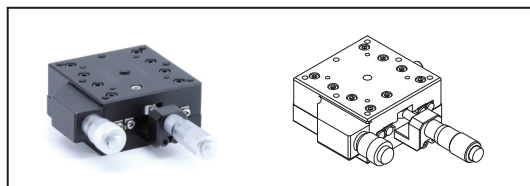
UFP1A



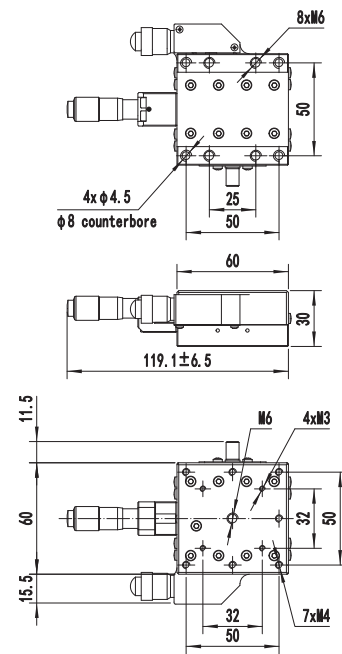
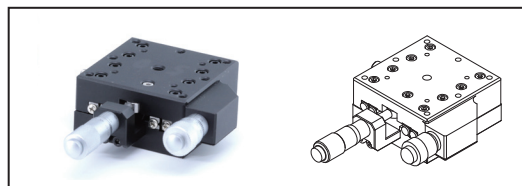
UFP1B



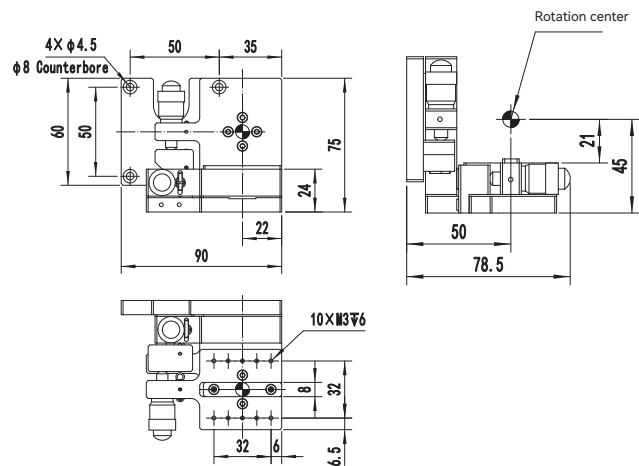
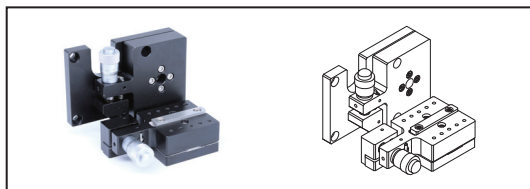
UFP1C-L



UFP1C-R



UFP2T-L



UFP2T-R

