

“mini Series”

Ultra Compact



➔ X11.mini

Size: 11 × 11 × 6.5 mm



➔ X20.mini

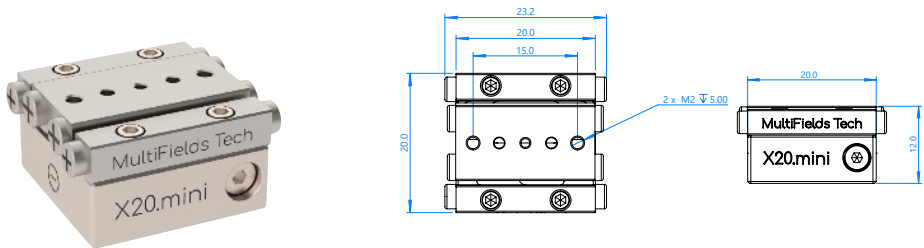
Size: 20 × 20 × 12 mm

“mini series” Linear Stage — X20.mini

Ultra Compact

- ➔ Feature
- Quiet Motion
 - Self-lock
 - Optical Sensor Inside
 - Nanometer Resolution

➔ Photo & Drawing



➔ Specification

X20.mini

1	Optional	.HV, High Vacuum; .UHV, Ultra High Vacuum; .NM, Non-magnetic;
2	Footprint × Height	20 × 20 × 12 mm
3	Material	Standard, .HV, .UHV Stainless Steel; NM, Ti
4	Mass	30 g
5	Travel Range	10 mm
6	Driving Frequency	Max. 20 kHz
7	Cable & Connector	Standard/HV, shield cable and D-Sub15 plug; UHV, Kapton, PEEK D-Sub15
8	Max. Velocity	~ 20 mm/s* (Reduce to 10% in Vacuum)
9	Minimum Incremental Motion	10 nm
10	Max. Output Force	1.5 N
11	Holding Force	3 N
12	Max. Payload (horizontal mounting)	300 g
13	Max. Payload (vertical mounting)	100 g
14	Sensor Type	Optical Sensor
15	Sensor Resolution	2 nm
16	Controller	MC-Newton.S series

* For detail drawing and 3D model please contact us.