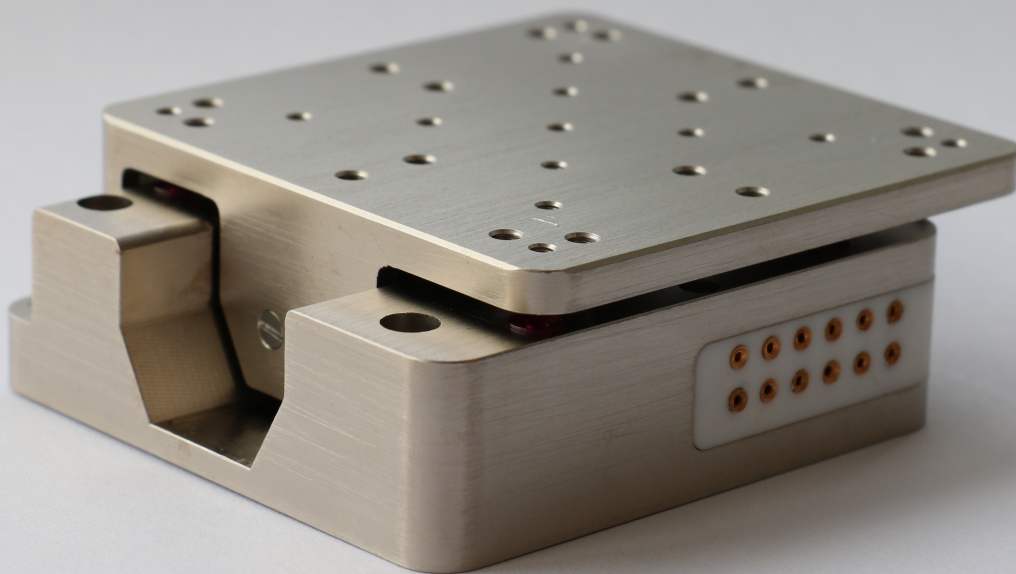




线性位移台

LINEAR POSITIONER

最低温度 ~ 30 mK，最高磁场 ~ 16 Tesla，超高真空 $\sim 2\text{E}-11$ mbar

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位移台-16， 技术参数

(Linear Positioner 16, Specification)

	Linear16-X	Linear16-Z
工作环境 (Work Environments)	极低温 30 mK, 强磁场 16 Tesla, 超高真空 2E-11 mbar	
底座尺寸 (Footprint)	16 mm*16 mm	Dia 16 mm
高度 (Height)	10.5 mm	15.7 mm
材料 (Materials)	纯Ti & 铍铜, Pure Ti & BeCu PZT陶瓷, PZT Ceramic 纯铜双绞线, Twisted Copper Wires (20 cm)	
线缆 (Wires & Pins)	5 pins: Driven - 2 pins, Sensor - 3 pins	
行程 (Travel Range)	3 mm	
最大速度 (Max. Velocity) @ 300K	~ 2 mm/s	
驱动电压 (Drive Voltage)	Max. 200 V	
位置传感器 (Position Encoder)	电阻传感器 (Resistive Sensor)	
传感器行程 (Encoder Range)	3 mm	
分辨率 (Resolution)	~ 150 nm	
可重复性 (Repeatability)	1-2 um	
最大负载 (Load)	50 g	250 g
最大推力 (Dynamic Force)	1.5 N	3 N
重量 (Weight)	10 g	12 g
关键尺寸图 (Schematic)		
配件-可选 (Options)		

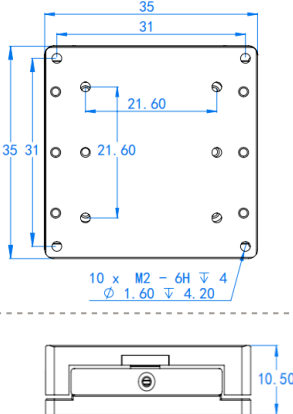
位移台-25， 技术参数

(Linear Positioner 25, Specification)

	Linear25-Slim-X	Linear25-Pro-X	Linear25-Z
工作环境 (Work Environments)	极低温 30 mK，强磁场 16 Tesla，超高真空 2E-11 mbar		
底座尺寸 (Footprint)	25 mm*25 mm		Dia 25 mm
高度 (Height)	9.5 mm	17 mm	19.6 mm
材料 (Materials)	纯Ti & 铍铜, Pure Ti & BeCu PZT陶瓷, PZT Ceramic 纯铜双绞线, Twisted Copper Wires (20 cm)		
线缆 (Wires & Pins)	Driven - 2 pins, Sensor - 3 pins	Driven - 4 pins, Sensor - 3 pins	Driven - 4 pins, Sensor - 3 pins
行程 (Travel Range)	6 mm		
最大速度 (Max. Velocity) @ 300K	~ 3 mm/s	~ 2 mm/s	~ 2 mm/s
驱动电压 (Drive Voltage)	Max. 200 V		
位置传感器 (Position Encoder)	电阻传感器 (Resistive Sensor)		
传感器行程 (Encoder Range)	6 mm		
分辨率 (Encoder Resolution)	~ 150 nm		
可重复性 (Repeatability)	1-2 μ m		
最大负载 (Load)	500 g	300 g	300 g
最大推力 (Dynamic Force)	2 N	3 N	3 N
重量 (Weight)	24 g	28 g	34 g
关键尺寸图 (Schematic)			
配件-可选 (Options)			

位移台-35， 技术参数

(Linear Positioner 35, Specification)

Linear35-Slim-X	
工作环境 (Work Environments)	极低温 30 mK, 强磁场 16 Tesla, 超高真空 2E-11 mbar
底座尺寸 (Footprint)	35 mm*35 mm
高度 (Height)	10.5 mm
材料 (Materials)	纯Ti & 镀铜, Pure Ti & BeCu PZT陶瓷, PZT Ceramic 纯铜双绞线, Twisted Copper Wires (20 cm)
线缆 (Wires & Pins)	5 pins: Driven - 2 pins, Sensor - 3 pins
行程 (Travel Range)	16 mm
最大速度 (Max. Velocity) @ 300K	~ 2 mm/s
驱动电压 (Drive Voltage)	Max. 200 V
位置传感器 (Position Encoder)	电阻传感器 (Resistive Sensor)
传感器行程 (Encoder Range)	16 mm
分辨率 (Resolution)	~ 150 nm
可重复性 (Repeatability)	1-2 um
最大负载 (Load)	2500 g
最大推力 (Dynamic Force)	3 N
重量 (Weight)	38 g
关键尺寸图 (Schematic)	 The technical drawing consists of two parts. The top part is a top-down view of the square positioner, showing a 35 mm by 35 mm footprint. It features a central square area with a 31 mm by 31 mm inner square. There are four mounting holes at the corners, each with a diameter of 1.60 mm. The distance between the centers of the corner holes is 21.60 mm. The bottom part is a side view showing the height of the positioner, which is 10.50 mm. The drawing also includes a note: 10 x M2 - 6H 4.20.
配件-可选 (Options)	

位移台-55， 技术参数

(Linear Positioner 55, Specification)

	Linear55-Slim-X	Linear55-Pro-X
工作环境 (Work Environments)	极低温 30 mK, 强磁场 16 Tesla, 超高真空 2E-11 mbar	
底座尺寸 (Footprint)	55 mm*55 mm	
高度 (Height)	10.5 mm	21.2 mm
材料 (Materials)	纯Ti & 镀铜, Pure Ti & BeCu PZT陶瓷, PZT Ceramic 纯铜双绞线, Twisted Copper Wires (20 cm)	
线缆 (Wires & Pins)	Driven - 2 pins, Sensor - 3 pins	Driven - 7 pins, Sensor - 3 pins
行程 (Travel Range)	30 mm	25 mm
最大速度 (Max. Velocity) @ 300K	~ 2 mm/s	
驱动电压 (Drive Voltage)	Max. 200 V	
位置传感器 (Position Encoder)	电阻传感器 (Resistive Sensor)	
传感器行程 (Encoder Range)	30 mm	25 mm
分辨率 (Resolution)	~ 150 nm	
可重复性 (Repeatability)	1-2 μ m	
最大负载 (Load)	1000 g	500 g
最大推力 (Dynamic Force)	3 N	5 N
重量 (Weight)	130 g	200 g
关键尺寸图 (Schematic)		
配件-可选 (Options)		