



SLC-1730 - 线性压电位移台

这款小型纳米精密线性平台 SLC-1730 的尺寸为 30 x 17 x 8.5 mm，行程范围为 21 mm，正常负载为 20 N。

请注意，该线性压电平台的可下载文件显示的是配备位置传感器的尺寸和规格，适用于大气或高压环境。如需了解其他变体的技术图纸和详细规格，如兼容平台、阻尼力更大的平台或其他传感器选件，请随时与我们联系。

移动范围：21 毫米 长度：30 毫米 重量：20 克

	Mechanical
Scan Range [µm]	> 1.3
Travel [mm]	21
Blocking Force [N]	≥ 3.5
Max. Normal Force [N]	20
Max. Lift Force [N]	> 1.5
Dimensions [mm]	30 x 17 x 8.5
Weight [g]	20
	Open-loop
Velocity [mm/s]	> 20
Open-Loop Resolution MCS2 [nm]	< 1
Open-Loop Resolution (H)CU [nm]	< 50
	Closed-Loop
Sensor Resolution MCS2 [nm]	1 (S), 4 (L)
Sensor Resolution (H)CU [nm]	100 (L)
Uni-Directional Repeatability MCS2 [nm]	± 40 (S,L)
Uni-Directional Repeatability (H)CU [nm]	± 200 (L)
	Options

Material Options	Aluminum base as standard; Steel base (-ST); Titanium base (-TI); Black anodized (-BK)
Mechanical Options	U-shaped base for higher mechanical strength (-W): width is 6mm larger; cage-creep-free guideways (-Z)
Performance Options	Higher blocking force (-D): +1.5 N
Cryogenic Option	Yes (only open loop, travel restricted to 21 mm)
Vacuum Options	HV (1E-6 mbar); UHV (1E-11 mbar)
Non-Magnetic Option	Yes, changes of the slide hole pattern apply: all threaded holes