

SLC-1750 - 线性压电位移台

SLC-1750 的行程范围为 31 mm，法向力为 30 N，尺寸为 50 x 17 x 8.5 mm。

请注意，该线性压电平台的可下载文件显示的是 SLC-1750 的尺寸和规格，适用于大气或高压环境，配备 S 位置传感器。如需了解其他变体的技术图纸和详细规格，如 UHV 兼容平台、具有更高阻挡力的平台或其他传感器选件，请随时与我们联系。
行程范围 31 毫米 长度：50 毫米 重量：32 克

	Mechanical
Scan Range [µm]	> 1.3
Travel [mm]	31
Blocking Force [N]	⩾ 3.5
Max. Normal Force [N]	30
Max. Lift Force [N]	> 1.5
Dimensions [mm]	50 x 17 x 8.5
Weight [g]	32
	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

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SmarAct GmbH | Schuette-Lanz-Strasse 9 | 26135 Oldenburg | 德国 T: +49 441 – 800 879 0 | 电子邮箱：info-de@smaract.com

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 6 mm larger; cage-creep-free guideways (-Z)
Performance Options	Higher blocking force (-D): +1.5 N
Cryogenic Option	Yes (only open loop, travel restricted to 31 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

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