



CLL42 - 大型旅行压电位移台

CLL42 配备了可更换的 SmarActs 驱动单元，确保可以轻松接触到位移台的核心部件-- 压电驱动器。这使得维修工作变得非常简单。它还提供高真空版本。标准型号的行程为 97、177、257、377、497 和 617 毫米。当然，也可根据要求提供特殊长度。CLL42 具有安装有效载荷的大平台、长行程范围以及可更换的驱动装置。

	Mechanical
Travel [mm]	99 ... 619
Rail Length [mm]	160 ... 680
Blocking Force [N]	≥ 5
Max. Normal Force [N]	30
Dimensions [mm]	60 x 16 (open-loop carriage)
Weight [g]	Length-dependent
	Open-loop
Velocity [mm/s]	> 10
Open-Loop Resolution MCS2 [nm]	< 1
Open-Loop Resolution (H)CU [nm]	50
	Closed-Loop
Sensor Resolution MCS2 [nm]	1 (S), 4 (L)
Uni-Directional Repeatability MCS2 [nm]	± 100 (S)
	Options
Material Options	Multiple carriages; Counterbores; Tapped holes (M4)
Mechanical Options	Multiple carriages; Counterbores; Tapped holes (M4)
Vacuum Options	HV (1E-6 mbar); UHV (1E-11 mbar)