

SGE-17 - Micro-Gripper

It can be equipped with different position sensors, allowing to control and monitor the gripping process precisely. The screwed gripper jaws can be easily exchanged on site. A wide variety of dedicated standard jaw geometries is available. In addition, customer-specific jaw geometries can be designed to meet your application. Vacuum-compatible variants extend the range of applications to pressure ranges down to ultra-high vacuum. SmarAct's SGE-17 micro-gripper utilizes the most compact SLC-1720 stage offering a miniaturized and versatile tool for pick and place applications in optics and electronics.

	Mechanical
Opening [mm]	< 1
Gripping Force [N]	1
Dimensions [mm]	17 x 25.5 x 9
Weight [g]	14
Jaw Types	Exchange
	Closed-Loop
Sensor Types	S, L
Gripping Time [ms]	< 10
Gripping Resolution [nm]	< 10
	Options
Material Options	Aluminum (standard); Black anodized (-BK)
Vacuum Options	HV (10-6 mbar), UHV (10-11 mbar)

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