



PLF3232-z.60

SMARFLEX nanopositioning scanner stages uses the advantages of piezo-driven mechanical flexures to realize highly precise positioning tasks up to several 100 μm .

The PLF3232-z.60 offers a scan range of over 60 μm in the Z direction. At 30 g, it is very light and also quite compact at 32 x 32 x 15 mm.

Scan Range: > 60 μm Scan Direction: Z Dimensions: 32 x 32 x 15 mm

	Mechanical
Scantilt [μrad]	± 50
Stiffness [$\text{N}/\mu\text{m}$]	0,3
Scan Range [μm]	> 60
Max. Normal Force [N]	5.0
Dimensions [mm]	32 x 32 x 15
Weight [g]	30
	Material
Base Material	Titanium(-Ti) / Aluminum base (-Al)
	Open-loop
Open-Loop Resolution MCS2 [nm]	MCS2: <1
	Closed-Loop
Sensor Resolution MCS2 [nm]	MCS2: <1 (S)
	Options
Vacuum Options	HV (10 ⁻⁶ mbar)
Non-Magnetic Option	Yes (- NM)