



PLF3232-x.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-x.60 offers a scan range of 60 μm in the X direction. At 30 g, it is very light and also quite compact at 32 x 32 x 12 mm.

Scan Range: > 60 μm Scan Direction: X Dimensions: 32 x 32 x 12 mm

	Mechanical
Scantilt [μrad]	± 3.5
Stiffness [$\text{N}/\mu\text{m}$]	0,5
Scan Range [μm]	> 60
Max. Normal Force [N]	5.0
Dimensions [mm]	32 x 32 x 12
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 μmbar)
Non-Magnetic Option	Yes (- NM)