



PLF3232-xy.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-xy.60 offers a scan range of 60 μm in the X and Y direction. At 45 g, it is very light and also quite compact at 32 x 32 x 20 mm. It combines two [PLF3232-x.60](#) Scanners in one, with less built high but same performance.

Due to the size and hole pattern, it fits ideal to other linear stages and positioners such as the [CLS-3232](#) whereby long travel range and high precision is combined.

Scan Range: > 60 μm Scan Direction: X and Y Dimensions: 32 x 32 x 20 mm

	Mechanical
Stiffness [N/ μm]	0,5
Scan Range [μm]	> 60
Max. Normal Force [N]	5
Dimensions [mm]	32 x 32 x 20
Weight [g]	45
	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)