

Long- Travel XY Piezo Stage with Nanometer Flatness

ACTIVE Z- AXIS DESIGN PROVIDES REAL- TIME RUNOUT COMPENSATION



P-628KHFS

- + Closed- loop travel range 800 μm $\times$ 800 μm (to 1500 μm possible)
- + Flatness of travel <1 nm
- + High- precision, cost- efficient
- + Resolution to 0.1 nm
- + Positioning accuracy 0.02 %
- + Frictionless, high- precision flexure guiding system
- + Outstanding lifetime due to PICMA[®] piezo actuators

Specifications

	Travel ranges	Resonant frequency, no load	Load capacity	Dimensions
P-628KHFS high flatness XY stage	800 μm $\times$ 800 μm (X, Y)	75 Hz (X), 105 Hz (Y)	10 N	80 mm $\times$ 80 mm $\times$ (9.5 + 30) mm

Order Information

P-628KHFS

Long- Range XY Nanopositioning System, 800 μm $\times$ 800 μm , PicoPlane High- Flatness Option

