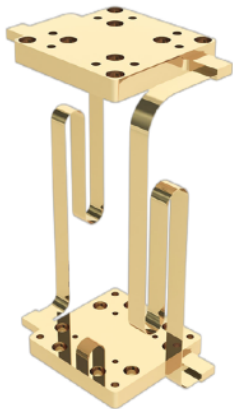


Accessories - Flexible Thermal Connection Set

Piezoelectric Motion - Low temperature series - Accessories



FTC##.L**

Flexible thermal connection set are used to keep sample cold when piezoelectric positions moving in vacuum environment . Higher thermal conductivity is always welcomed in low temperature experiments for a lower base temperature. And a flexible structure guarantees the device won't consumes excessive load capacity.

- 1. All the adapter plates are fabricated by pure non-magnetic metal.
- 2. Non-magnetic screws are included when you purchase the flexible thermal connection set.

	FTC16.L**	FTC25.L**	FTC35.L**
Description	Designed for 16mm Linear and Scanner series stack	Designed for 25mm Linear and Scanner Series Stack	Designed for 35mm Linear, Goniometer and Scanner Series Stack
Footprint base plate	16 × 16 mm	25 × 25mm	35 × 35mm
Footprint top plate	16 × 16 mm	25 × 25mm	35 × 35mm
thickness, base plate	2.5 mm		
Thickness, top plate	4 mm		
Length copper coupling foil	35 mm; 65 mm; 100 mm version		
Temperature range	10 mK to 420 K		
Pressure conditions	Ambient, HV, UHV		
Use in magnetic field	max. 35 Tesla		
Temperature Range	1.6 K to 350 K		
Wires	Thermometers, 4 Pins; Heater, 2pins; Pure copper wires,36 awg		
Heater Resistance	50 Ohm		
Heater Power	Max. 50W		
Thermal Conductivity @300 K	FTC**.035mm, 40 mW/K FTC**.065mm, 29 mW/K FTC**.100mm, 16 mW/K		