#### **Motion Control**

### **APT600 Series Fiber Clamp**



- Fiber Clamp for 250μm Jacketed Fiber
- Easy Load Alignment V Guides Fiber Into Place
- Kinematic Base Plate Allows for Fast Exchange of Accessories
- Fiber Clamping Provided by Magnetic Forces



This fast release fiber clamp is designed to snap into place on the deck of the APT600 series stage. A kinematic arrangement of mounting features as well as strong rare earth magnets ensure it is held securely. This novel design provides for rapid exchange of accessories for industrial applications that require a high throughput of devices. Using duplicate tooling allows the operator to pre-load the next component while the current device is being processed.

ITEM#	\$	£	€	RMB	DESCRIPTION
HFV601	\$ 338.30	£ 213.10	€ 314,60	¥ 3,230.80	APT600 Fiber Clamp for 250μm Diameter Fibers

Single Axis Stages

### Multi-Axis Stages

Flexure Stage

Motorized Mirror Mounts

**Rotation Stages** 

Drive Electronics & Auto-Alignment

Actuators & Adjusters

Brief Tutorials

## **APT600 Connectorized Fiber Holders**



- Directly Accepts Industry Standard Connectors
- Kinematic Base Plate Allows for Fast Exchange of Accessories
- All Stainless Steel Construction



These connectorized fiber optic cable holders feature the same kinematic base system as our bare fiber holder presented in the above section. A three point

contact is created by using a grooved bottom plate that contacts the movable deck of the APT600 stage at three points, and a magnetic holding force is used to secure the accessory.

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ITEM#	\$	£	€	RMB	DESCRIPTION
HFB601	\$ 188.70	£ 118.90	€ 175,50	¥ 1,802.10	APT600 SMA Style Connectorized Cable Mount
HFB602	\$ 188.70	£ 118.90	€ 175,50	¥ 1,802.10	APT600 ST Style Connectorized Cable Mount
HFB603	\$ 178.50	£ 112.50	€ 166,00	¥ 1,704.70	APT600 FC/PC Style Connectorized Cable Mount
HFB604	\$ 178.50	£ 112.50	€ 166,00	¥ 1,704.70	APT600 SC Style Connectorized Cable Mount

# **APT600 Blank Component Holder**

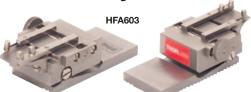


- Kinematic Base Snaps into Place for Fast Exchange of Fixtures
- Standard Beam Height Marked by Cross Groove
- Front Plate Detaches for Easy Machining of Custom Fixtures

The blank component holder is intended to fulfill the need for custom fixturing that can mount unique devices to the APT600 series stage. The bottom surface of this holder has the same kinematic locating features as the other accessories shown on this page. These features allow devices to be exchanged in seconds allowing increased up-time of the system.

ITEM#	\$	£	€	RMB	DESCRIPTION
HBB601	\$ 176.00	£ 110.90	€ 163,70	¥ 1,680.80	Blank Component Holder

# **APT600 Adjustable Fiber Array Holder**



- Accepts Rectangular Fiber Arrays up to 12mm Wide
- Simple Load/Unload Provided by a Single Actuator Knob
- Kinematic Base Plate Allows for Fast Exchange of Accessories
- Pivots Up to 8° to Allow for Angle Polished Fibers



The adjustable fiber array holder is designed to accept any rectangular device that is less than 12mm in width and less than 4mm in thickness. Three angled clamping cylinders provide a slight downward pressure on the device while the three point contact ensures stability. One of the clamping cylinders is mounted on a flexure rod that provides a spring loading of the device being clamped.

ITEM#	\$	£	€	RMB	DESCRIPTION
HFA603	\$ 1,020.00	£ 642.60	€ 948,60	¥ 9,741.00	APT600 Adjustable Fiber Array Holder