



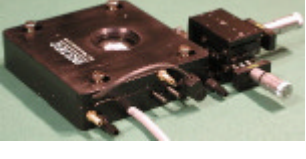
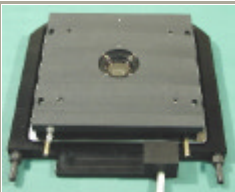


Hot and Cold Stages for Upright Microscopes



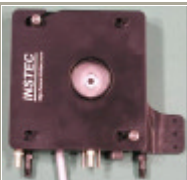
	Model	Temperature Range	Sample Chamber Area	Feature
	TS 62	-30°C to 120°C	38 x 50 mm (1.5 x 2")	Peltier based thermal stage for moderate temperature range applications.
	TX102W	-30°C to 100°C	38 x 50 mm (1.5 x 2")	Peltier based microscope thermal stage featuring a wide incident angle (60°) and a large viewing window (38mm dia).
	TS64	-20°C to 90°C	88 x 88 mm (3.5 x 3.5")	Peltier based thermal stage features extra-large sample area.
	HCS302	-190°C to 400°C	38 x 50 mm (1.5 x 2")	Single-heater thermal stage with wide temperature range for general purpose applications. Stage frame cooling using circulation water pump.
	HCS402	-190°C to 400°C	38 x 50 mm (1.5 x 2")	Dual-heater thermal stage, with heaters located both below and above the sample chamber for ultra temperature uniformity. Can be quickly converted to HCS302, the single-heater stage model. Stage frame cooling using circulation water pump.

	HCS412W	-60°C to 400°C	38 x 50 mm (1.5 x 2")	Dual-heater heating and cooling stage features large viewing aperture and wide incident angle.
	FS1	-60°C to 200°C	38 x 50 mm (1.5 x 2")	Dual-heater heating and cooling stage with large viewing aperture for thin film study. Includes thin film drawing kits with removable inner chamber for cleaning.
	HS400	ambient to 400°C	38 x 50 mm (1.5 x 2")	Dual-heater hot stage with ultra temperature uniformity. Built-in fan for air-cooling of the stage frame.
	HCS410	-60°C to 400°C	38 x 50 mm (1.5 x 2")	Dual-heater hot and cold stage, using the built-in fan for frame cooling. Similar to HS400, but also with sample chamber cooling capability.
	HCS601	-190°C to 600°C (700°C optional)	20 x 20 mm (0.8 x 0.8")	Ultra high temperature hot and cold stage, with the option to extend to wider temperature range.
	FCS611	-190°C to 600°C	20 x 20 mm (0.8 x 0.8")	Ultra high temperature hot and cold stage systems with gas tight sample chamber, features eight (8) electric feed-through leads for sample probing.
	FCS612	-190°C to 600°C	38 x 38 mm (1.5 x 1.5")	



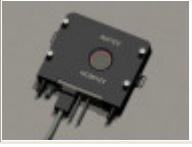


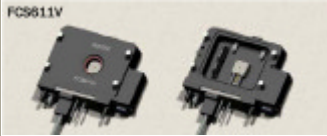
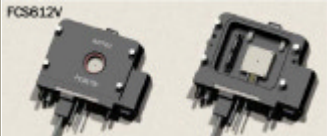
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	HCS206	-40°C to 200°C	139 x 147 mm (5.5 x 5.8")	Hot and cold stage designed for extra-large samples. Optional circulation water pump for frame cooling.
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Hot and Cold Stages for Inverted Microscopes

	Model	Temperature Range	Sample Chamber Area	Feature
	HCS60	5°C to 60°C	35mm diameter	Peltier based thermal stage designed especially for inverted microscopes. Accepts 35mm petri dishes.
	HCS61	5°C to 60°C (Optional wider temp. range)	68 x 68 mm	Peltier based thermal stage features a large viewing aperture and large sample area. Optional lid for defrosting available. Accepts 60 mm petri dishes or 2"x3" slides.
	HCD301	-80°C to 250°C	25 x 25 mm (1 x 1")	Hot and cold stage specifically designed for use on inverted microscopes with a wide temperature range.

Thermal Vacuum Stages for Upright Microscopes

	Model	Temperature Range	Sample Chamber Area	Feature
	TS102V	-40°C to 90°C	25 x 88 mm (1 x 3.5")	Peltier based thermoelectric freeze drying stage with sealed sample chamber for vacuum. Optional two (2) electric feed-through leads for sample probing
	HCS611V	-190°C to 600°C	20 x 20 mm (0.8 x 0.8")	Ultra high temperature hot and cold vacuum stage systems with optional two (2) electric feed-through leads for sample probing.
	HCS612V	-190°C to 600°C	38 x 38 mm (1.5 x 1.5")	
	HCX611V	-190°C to 600°C	20 x 20 mm (0.8 x 0.8")	Ultra high temperature hot and cold vacuum stage systems with built-in precision XY positioner to move sample inside the stage. Optional two (2) electric feed-through leads for sample probing.
	HCX612V	-190°C to 600°C	38 x 38 mm (1.5 x 1.5")	
	FCS611V	-190°C to 600°C	20 x 20 mm (0.8 x 0.8")	Ultra high temperature hot and cold vacuum stage systems, features eight (8) electric feed-through leads for sample probing.
	FCS612V	-190°C to 600°C	38 x 38 mm (1.5 x 1.5")	

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