

HEATING AND COOLING STAGES

WS60 MICROSCOPE WARM STAGE SYSTEM

Features:

- **Compact Design Fits On Most Microscope XY Stages**
- **Thin Enough For Inverted Microscopes**
- **Easy To Use Autotune PID Temperature Controller**
- **Accommodates Standard 1" x 3" (or 25mm x 75mm) Microscope Slides and Standard 60mm Petri Dishes**



Description

The **WS60** is a thin, metal, microscope warm stage that is controlled by Instec's precision STC200 Autotune PID Digital Temperature Controller. Although the automatic PID tuning algorithm for the STC200 is sophisticated, it is still very easy to use. The **WS60** has a temperature range from ambient to 60°C. Modification of the **WS60** Warm Stage for higher temperature limits is available as well. Please contact us for more information about customizing the **WS60** or any of our other stages.

The **WS60** stage rides on insulating nylon slides which sit directly on the microscope's stage. The **WS60** is thin enough to use with inverted microscopes and wide enough to accommodate standard 1" x 3" microscope slides.

Both set and ramp capabilities are available when the **WS60** is controlled by Instec's **STC200** Standalone Temperature Controller. An optional Instec **RS232** Serial Communication Port can be purchased for the **STC200** to program the **STC200** from a PC.

Technical Specifications

Control Algorithm	Autotune PID
Temperature Control Sensor	Platinum RTD
Temperature Range	Ambient to 60°C (optional higher temperature limit available)
Temperature Accuracy	±0.4°C at 37°C
Temperature Stability	±0.1°C at 37°C
Minimum Working Distance	0.1 mm 4.0 mm for inverted microscope
Sample View Window	6 mm in diameter
Dimension of WS60 stage	0.125" x 2" x 3"
Dimension of STC200 PID Controller	5" x 9" x 12"

Ordering information

Part Number	Description
WS60-STC20A	STC200 Standalone Temperature Controller with WS60-WS Warm Stage, RS232 included, 115V input power
WS60-STC20U	STC200 Standalone Temperature Controller with WS60-WS Warm Stage, RS232 included, 220V input power
WS60-95C	Option to increase temperature limit up to 95°C



Micro-optik, a division of **Flokal B.V.**

Dorpenweg 27 5371 KS Deursen. The Netherlands.

Tel +(31).486.46.3688 Fax +(31).486.41.4514, www.micro-optik.com email info@micro-optik.com