

## EAE-5168

### HEATING STAGE

#### HIGHLIGHTS

- Designed for reliability
- Available for a limited range of Euromex microscopes
- Accurate temperature setting
- High temperature stability
- Integrated in X-Y mechanical stage
- Overload-/over voltage protected
- Fast heat-up time
- Compact size



● EAE-5168-I

The Euromex heating stage system is designed to be a reliable integrated system for accurate observation of a variety of biological applications, such as sperm motility and morbidity. The system consists of an industrial quality PID controller, a 25 W 12V switched power supply, a PT temperature sensor and heating elements integrated in the X-Y mechanical stage

**The EAE-5168 unit is only available with newly purchased microscopes**

#### TECHNICAL SPECIFICATIONS

- The heating stage surface maintains a constant temperature less than  $\pm 1^{\circ}\text{C}$  between ambient and  $50^{\circ}\text{C}$
- The digital displays show the current stage temperature and the preset temperature
- The two touch pad buttons allow you to adjust the temperature settings up and down
- Pre-heating time ca. 8 minutes (in room temperature conditions)

#### SPECIFICATIONS

<b>Temperature controller input voltage</b>	100-240VAC 50/60Hz
<b>Temperature controller output voltage</b>	12V DC
<b>Power output</b>	2x 12W
<b>Temperature control range</b>	ambient $\sim 50^{\circ}\text{C}$
<b>Temperature setting unit</b>	$1^{\circ}\text{C}$
<b>Temperature display divisions</b>	$0.1^{\circ}\text{C}$
<b>Variations between setting and displaying temperature</b>	Less than $\pm 1^{\circ}\text{C}$
<b>Stage dimensions</b>	see specs of microscope
<b>Display size</b>	1 x 4 cm
<b>Control unit size and weight</b>	15 x 22 x 15 cm, 1800 grams
<b>Working temperature/humidity</b>	$+10^{\circ}\text{C} \sim +30^{\circ}\text{C}$ , 20%~90%RH