euromex microscopes holland

AE.5168

HEATING STAGE

HIGHLIGHTS

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

AE.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 AE.5168 unit is only available with newly purchased microscopes

TECHNICAL SPECIFICATIONS

- The heating stage surface maintains a constant temperature less than +/-1° C between ambient and 50°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

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

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All information may be changed without prior notice v.521511