

MICROHEAT

Thermoplastic gluing
under stereo microscope
Model MH 4

Heat-stabilized
Small
Ideal for thermoplastic gluing



APPLICATION

Microheat is a heat stabilized small hot plate combined with power supply designed for embedding samples and for thermoplastic gluing under stereoptical microscope. The Microheat was developed to make the embedding procedure easier. Due to its small dimensions it can be easily placed on the specimen table of the stereoptical microscope and this way gluing faults can be avoided. This result is especially important in case of samples requiring bubble-free sticking (e.g. cross-sectional samples for electron microscopy).

OPERATION

The Model MH 4 is relatively simple to operate. The temperature of the hot plate can be adjusted continuously in a wide range and is kept constant by the built-in electronic. A control circuit maintains the temperature of the heated surface within $\pm 5^\circ\text{C}$. The actual temperature is displayed on the top of the tool. The temperature of the heated surface usually reaches the preset temperature within 2 minutes.

SPECIFICATIONS

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|---------------------|---------------------------------------|
| • Power input | 12 V DC, 1.2 A |
| • Power consumption | 14 W |
| • Temperature range | 50 - 150 °C (continuously adjustable) |
| • Dimensions | 100 x 100 x 30 mm |

SYSTEM CONFIGURATION

- Switching Power Supply

| | |
|--------------|---------------------|
| Input power | 100-240 V, 50-60 Hz |
| Output power | 12 V, 24 VA |
- Microheat Unit