

Hot- and Cold Stages for Microscopes

Klughammer Bio GmbH, a leading supplier from Germany of microscope components introduces the KL HS and KL HCS hot- and cold stages for microscopes.

The stages can be combined with almost any microscope available on the market. Upright as well as inverted microscopes can be equipped with the stages. The stages enable direct observation of materials samples during heating and cooling phases. A CCD camera may be connected. In combination with this camera single images or even an image sequence may viewed on a computer monitor. The captured images show the actual temperature as well as the date and some extra text information.

These stages are used for the direct observation of the melting and recrystallisation behaviour of materials in semiconductor, metallurgical investigations, for chemical applications such as polymerization as well as for geologists.

Different stages are available. The temperature range is from -190° C and goes up to 700° C. The sample areas may vary from 20x20 mm to 139x147 mm.

The stages are easy to use. They can be controlled by a stand-alone controller as well as by a computer connected controller.

These hot- and cold stages for microscopes provide a turnkey solution for all those looking for the uncompromised temperature accuracy and control.

This press release may be published free of charge immediately.

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