

» Automatic Image Analysis and Efficient Furnaces

Modernization and Upgrading of Leitz or Leica Heating Microscopes

Besides offering brand-new equipment and an entire systems, we also offer to upgrade your available Leitz or Leica measuring equipment with state-of-the-art components.

The objective of our technical service is to retain all components that function well and to exchange

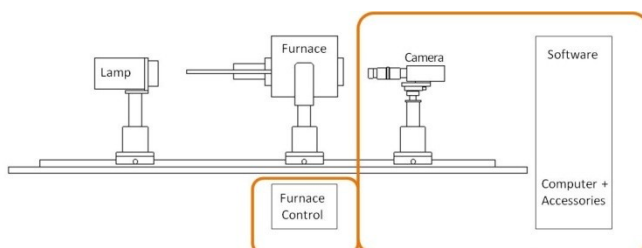
or add exactly those parts that optimize your heating microscope with regard to your demands.

So you can decide for a resource-saving and – at the same time – cost-saving option to adapt your Leitz or Leica measuring device to your increased requirements.

Possible Solutions

Your Requirements

- ... To integrate Hesse Instruments software for automatic image analysis in a still working Leitz heating microscope



Your Benefits

- ... Test results are automatically evaluated with the image analysis software, data are stored and can be securely archived
- ... Test conditions and all sample relevant information are clearly documented

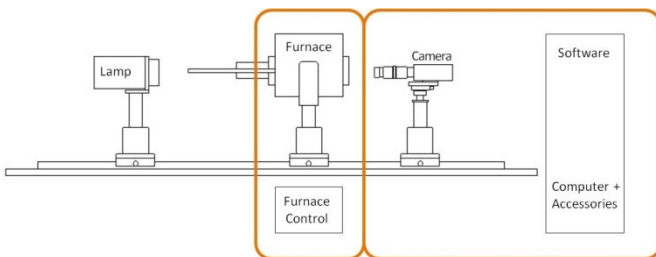
Your Solution

- ... Software Emi 2.x and PC with accessories
- ... Camera with macro lens and stand
- ... Furnace control unit EPA-6L or EPA-8L, depending on the available Leitz furnace

Other Possible Solutions

Your Requirements

- ... To automatically analyze the images produced by a Leitz heating microscope introducing the Hesse Instruments software
- ... To control the temperature time profile of the furnace via software
- ... To use efficient furnaces with high heating rates for shorter test runs



Your Benefits

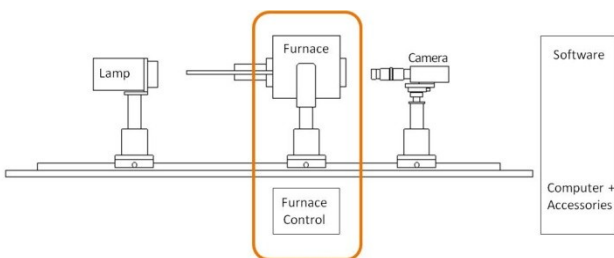
- ... All functions of the software are available, including automatic control of test programs and furnace runs
- ... Thanks to our compact, high performance tube furnaces supporting high heating rates, many tests per day can be run.

Your Solution

- ... Software Emi 2.x and PC with accessories
- ... Camera with macro lens and stand
- ... Furnace HT-16, HT-19 or HR-18
- ... Furnace control unit EPA-6 or EPA-8, depending on furnace model
- ... Possibly a lamp or a new specimen carriage with sample thermo-couple completely protected in an alumina sheath

Your Requirements

- ... To replace a defective or low-performance furnace by a high-performance one with an elongated life cycle
- ... To evaluate and interpret sample silhouettes manually



Your Benefits

- ... Measurements can be performed faster and safer than before due to high heating rates and thanks to an elaborate safety design of sophisticated tube furnaces

Your Solution

- ... Furnace HT-16 or HT-18 with the respective furnace control unit (EPA-6 or EPA-8) depending on the maximum test temperature required

Please Note

The options outlined above are common examples for upgrading available Leitz heating microscopes.

Anyway, the actual scope of our service will be discussed with you, will be adapted to your situa-

tion and your demands and finally will be specified in a detailed offer.

We refer to our data sheets for technical details of the components that can enlarge your system.



Hesse Instruments Dr. Axel Hesse
 Baumhofstraße 116 • D-37520 Osterode / Harz
 Tel. +49 (0) 5522 75750 • Fax +49 (0) 5522 76073
 sales@hesse-instruments.de • www.hesse-instruments.de