

FP90 Central Processor/FP99 Software



Specifications

Temperature measurement:	-100 ... 600 °C
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Description

The FP90 is the communication and control unit of the FP900 Thermosystem. After attachment of the desired measuring cell to the FP90, the corresponding menu functions are automatically activated.

Together with the FP99A Software you can control all functions of the instrument combinations FP90/FP84HT and FP90/FP85.

Features and Benefits

- Graphical LCD and soft key for various functions
- 15 programmed methods for the immediate use of all 6 measuring cells
- 35 methods freely programmable according to the lab needs
- Alphanumeric sample identification using PC keyboard
- Bar code reader
- Fully compatible with all the measuring cells of the FP800 system
- Field calibration with the supplied certified calibration standards
- Numerical and graphical results supporting GLP and EN standards
- Supports six different languages, English, French, German, Italian, Flemish, Spanish

FP82HT/FP84HT



Specifications

Temperature range (normal operation):	RT ... 375 °C
Temperature range (with cooling):	-60 ... 375 °C
Accuracy hot stage temperature (-60 ... -20 °C):	± 0.8 °C
Accuracy hot stage temperature (-20 ... 100 °C):	± 0.4 °C
Accuracy hot stage temperature (100 ... 200 °C):	± 0.6 °C
Accuracy hot stage temperature (200 ... 300 °C):	± 0.8 °C

Description

The FP82HT Hot Stage, a measuring cell for use with a microscope, is easy to use, precise and covers wide application fields.

The FP84HT Hot Stage simultaneously allows visual observation of the sample and measurement of the heat flows following the DSC principle.

Features and Benefits

FP82HT

- Visual observation and graphical registration simultaneously
- Optional photomonitor for registration of the light transmission
- Homogenous temperature field between the two heating plates
- Objective and precise temperature measurement.
- Recommended in international standard ASTM D2117

FP84HT

- Simultaneously visual observation with a microscope and heat flow measurements
- Detection of light transmission, heat flow and visual observation
- Various evaluation procedures with FP99 software
- Wide range of applications
- Can be combined and used with FTIR