Kurz-Bedienungsanleitung
Short instructions for use
Notice abrégé
Instrucciones breves

Leica EG1150 H

V2.0 – 03/2003
Order No. 0706 35102

Leica

MICROSYSTEMS

Power ON

1. Switch on instrument

Standby switch (on left next to temperature display) ON.

2. Change into working mode

Press [ON/OFF] and hold down the button for approx. 2 seconds.
The instrument changes to active mode.
The LEDs of the current temperature values light up and the display indicates the current time.
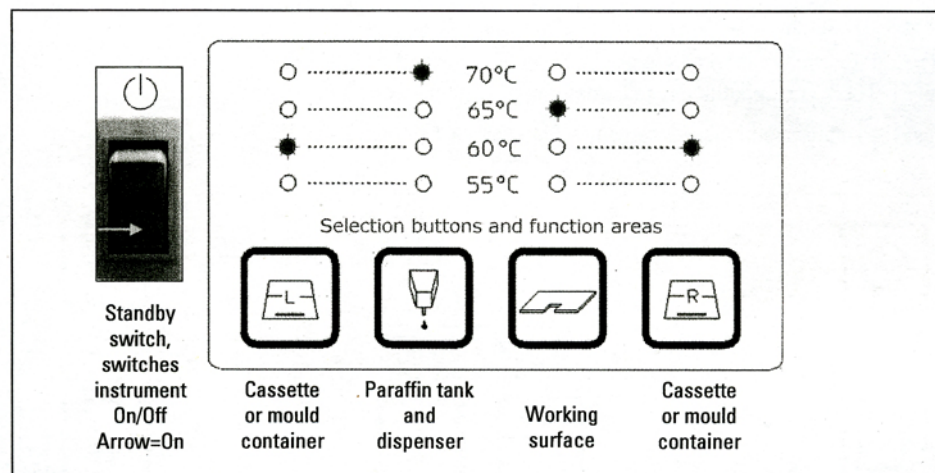
3. Set temperatures

The temperatures for the individual work areas can be selected separately. Press the individual area button once, the red LED moves up one temperature (5K) level.

4. Program timer

5. Fill instrument

6. Set program mode

Press [ON/OFF] for 2 seconds; all displays go out and the instrument switches into the program mode. On the next working day the heaters will be switched on 4 hours before the programmed start-of-work time.

○ .... ● 70°C	○ .... ○		
○ .... ○ 65°C	● .... ○		
● .... ○ 60°C	○ .... ●		
○ .... ○ 55°C	○ .... ○		

Selection buttons and function areas

Standby switch, switches instrument On/Off Arrow=On | Cassette or mould container | Paraffin tank and dispenser | Working surface | Cassette or mould container

Programming Timer

Setting Current Time

Press [⊙] until the LED "Time" (**3**) is illuminated.

Set the current time in the display with [+] or [−].

2

Programming Timer (Continuation)

Setting Working Time

Start-of-work time

Press [⏲] until the green "START" LED (**1**) is illuminated.

The instrument is ready for operation at the starting time (paraffin is in liquid state).
Set the desired start-of-work time in the display with [+] or [−].
The displayed time is stored.

End-of-work time

Press [⏲] until the green LED "END" (**2**) is illuminated.

Set the desired end-of work time in the display with [+] or [−]. The set time is stored. At the selected time, the instrument switches to program-mode.

Setting Current Weekday

Press [31] until the LED "Today" (**6**) is illuminated.

Select the current day with the [+] or [−] keys. The selected day will then be marked green in the "working day" display (**4**) (LED is illuminated).
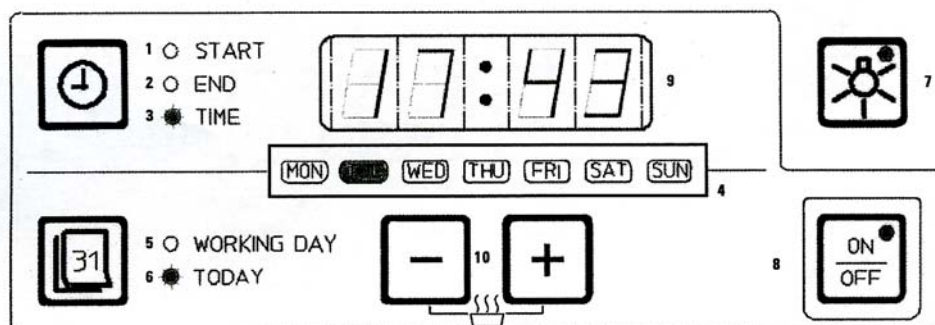
Setting Working Days*

* Only on "working days" are the programmed functions of the instrument operational.

Press [31] until the LED "Working Day" (**5**) is illuminated.

All working days are marked green, the LED of the current day flashes.
Press [+] or [−] to mark the day to be defined or cancelled as a working day.

Press [ON/OFF] once to add the marked day to, or remove it from, the list of working days.


```
        1 ○ START        ┌─────────┐
[ ⏲ ]   2 ○ END          │ 17:43   │ 9          [ ☀ ]  7
        3 ◉ TIME         └─────────┘

        (MON) (TUE) (WED) (THU) (FRI) (SAT) (SUN)
                                                    4
[ 31 ]  5 ○ WORKING DAY   [ − ] 10 [ + ]          8   ON
        6 ◉ TODAY                                     OFF
```

Legend

|	
1 - Start time LED	6 - Current day LED
2 - Ending time LED	7 - Lighting ON/OFF
3 - Current time LED	8 - Program-mode or Working day ON/OFF
4 - Working days LEDs	9 - Display
5 - Working day LED	10 - Enhanced mode ON/OFF

Special Operating Modes - I

Enhanced Mode

The melting process can be sped up (by increasing the heat supply for four hours) whenever necessary (e.g. when solid paraffin has to be added to the reservoir when working in shifts or in the manual mode).

70°C
65°C
60°C
55°C

To activate, press the [+] and [−] buttons **simultaneously** and hold down until all 4 LEDs of the paraffin tank light up simultaneously.
While the enhanced mode is on, the LED corresponding to the previously selected set value flashes (paraffin tank).

To deactivate standby heating prematurely, press the [+] and [−] buttons again simultaneously until all four LEDs light up again.

Special Operating Modes - II

Manual Mode

Working on a day not defined as a working day or outside the programmed times.

Switching on the instrument from the program mode with the [ON/OFF] button.
In this case the four-hour standby heating is automatically activated.
Switching off the instrument at the end of working (and therefore activating the program mode) with the [ON/OFF] button.

If the instrument is not switched off with the [ON/OFF] button after ending work, the instrument automatically switches off after reaching the next programmed ending time.

Special Operating Modes - III

24-Hour Mode – Working in Shifts

Deactivating the timer by setting the start and ending time to the same time
Example: Start time   = 00:00
                    Shutdown time = 00:00
In this case the instrument runs continuously, even on days not defined as working days.
The paraffin melting process can be sped up by activating the standby heating. (see Point I)

ℹ️ If programmed procedures are to be carried out: the standby switch must be switched on and the unit must be in standby mode.

⚠️ The time in the display flashes when switching to operating mode if the devices was disconnected from AC power for an extended period (> 5 min).
Acknowledge the flashing display by pressing any button and check whether all required heating phases (especially the paraffin reservoir) are complete.