

The Pathology Company



CM3600 XP

Cryomacrotome for Pharmaceutical and Biomedical Research

The CM3600 XP cryomacrotome is designed to meet the highest sectioning demands now and in the future. The quantitative investigation of the effect of labeled compounds, pharmaceuticals and biochemicals in pre-clinical studies, as well as detailed anatomical and morphological analysis, requires high quality reproducible sections of optimal thickness or high quality surfaces prepared using cryoplaning techniques.

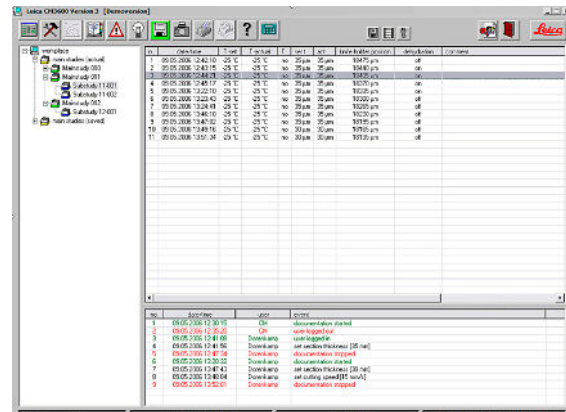
The CM3600 XP software is based on the Windows™ operating system.



AUDIT TRAIL

Individual section documentation, parameter changes and all events and alarms occurring during a sub study are saved in the study file.

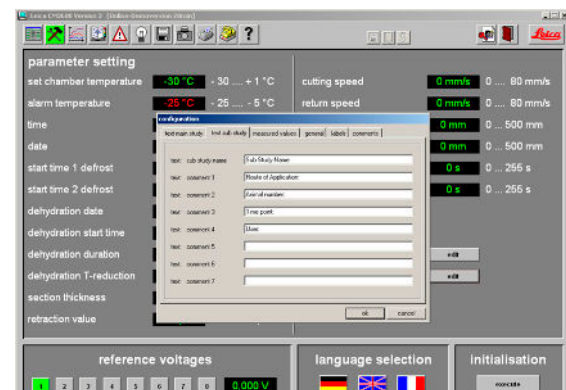
Password and user protected operating system.



Section	Time	Temp	Pressure	Knife position	Retraction	Notes
1	01.01.2008 12:42:10	-25 °C	no	25 µm	14275 µm	ok
2	01.01.2008 12:47:10	-25 °C	no	25 µm	14285 µm	ok
3	01.01.2008 12:48:10	-25 °C	no	25 µm	14295 µm	ok
4	01.01.2008 12:49:10	-25 °C	no	25 µm	14305 µm	ok
5	01.01.2008 12:50:10	-25 °C	no	25 µm	14315 µm	ok
6	01.01.2008 12:51:10	-25 °C	no	25 µm	14325 µm	ok
7	01.01.2008 12:52:10	-25 °C	no	25 µm	14335 µm	ok
8	01.01.2008 12:53:10	-25 °C	no	25 µm	14345 µm	ok
9	01.01.2008 12:54:10	-25 °C	no	25 µm	14355 µm	ok
10	01.01.2008 12:55:10	-25 °C	no	25 µm	14365 µm	ok
11	01.01.2008 12:56:10	-25 °C	no	25 µm	14375 µm	ok

USER DEFINED CUSTOMIZED DOCUMENTATION

- Automatic recording of all sections
- Footswitch activation of user selected sections and label printing
- Laboratory selected measured values are shown in the protocol
- User defined configuration can be printed on the label



parameter setting

set chamber temperature: -30 °C ... +30 °C +1 °C

alarm temperature: 20 °C 25 °C -5 °C

time: 0 mm/s 0 ... 60 mm/s

date: 0 mm/s 0 ... 60 mm/s

start time 1 defrost: 0 s 0 ... 255 s

start time 2 defrost: 0 s 0 ... 255 s

dehydration date: 0 s 0 ... 255 s

dehydration start time: 0 s 0 ... 255 s

dehydration duration: 0 s 0 ... 255 s

dehydration T-reduction: 0 s 0 ... 255 s

section thickness: 0 s 0 ... 255 s

retraction value: 0 s 0 ... 255 s

reference voltages: 1 2 3 4 5 6 7 8 0.000 V

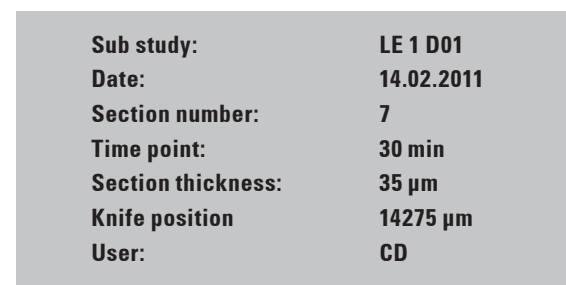
language selection: German French English

initialisation: OK Cancel

CUSTOMIZATION OF MAIN AND SUB STUDY HEADING

Individually customized study headings for the data chosen to be monitored.

The headings are part of the protocol and will appear on subsequent documentation.



Sub study: LE 1 D01

Date: 14.02.2011

Section number: 7

Time point: 30 min

Section thickness: 35 µm

Knife position: 14275 µm

User: CD

INSTRUMENT SOFTWARE

The instrument software allows the creation and the recording of GLP compliant documentation of:

- Individually tailored studies
- Including all events
- Including alarms occurring during the duration of the study