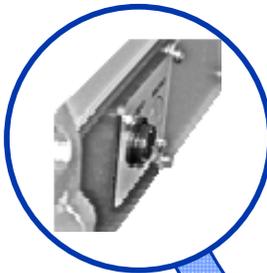


Jasco Laser IR Spectrometer
Model: FT/IR-6100



7
Video and
computer
connections
are located
on the rear of
the unit.



1
Main Power
switch

6
Power
Supply



2
Resume
switch



A laptop or desktop
computer must be
connected to this
unit for proper
operation.



3
Start Button



8
Aperture adjustment



4
Sample
compartment



5
Sample
holder

SETUP

A

Turn on Resume switch. If Resume has been turned off, wait 5-10 mins before turning on Power switch. **2**

B

Turn on PC AFTER End of Initialization(3 beeps will sound).

C

Set FT/IR properties on PC(User's manual pgs. 18-23).

D

Once properties are set, double click the Spectra Manager icon on the desktop and set measurement parameters.

E

Set up a Background measurement. Ensure sample chamber is empty and follow guidelines from pgs. 29-30 of the user's manual.

F

With background measurement recorded, you may proceed to sample measurement.

OPERATION

A

Open sample chamber lid. **4**

B

Insert polystyrene film into sample holder. **5**

C

Follow on-screen prompts on PC(user's manual pgs. 30-32).

D

To Save, select [Save As...] on the screen and follow prompts.

E

Exit program when done and turn off Power to unit. **1**

F

LEAVE RESUME SWITCH ON. **2**

HAZARDS



ELECTRICAL HAZARD
This equipment contains electrical units that may come into contact with skin or liquids.



SLIP HAZARD
Because chemicals are being moved near this unit, a slip hazard may be created.



PINCH HAZARD
The glass door to the unit may shut and cause a pinch hazard.



CHEMICAL HAZARD
Because chemicals are being used in/near this unit, chemical spills are possible.



FIRE HAZARD
Any improper use of this unit may cause a fire hazard.

PREVENTION



EYE PROTECTION
Wear safety glasses while operating.



PROTECTIVE GLOVES
Wear appropriate gloves for heat and chemical usage.



NON-SLIP, CLOSED SHOES
Wear non-slip, closed shoes to avoid spills.



READ MANUAL
Become familiar with this guide before operating.

For additional help contact the Lab Space Manager