

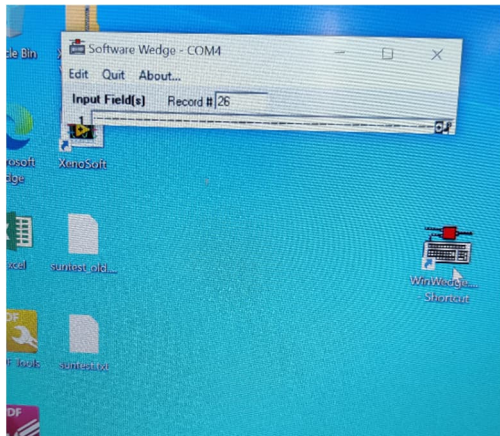
Suntest data logging

1. Check that the laptop labeled "SUNTEST" is connected to power and the cable from Suntest device RS232C port is connected to laptop via USB-Serial adapter.
2. Start the laptop.
3. If there is a file named suntest.txt on the desktop, rename or remove it.
4. Start the data acquisition program from winwedge shortcut on desktop.
5. When starting the Suntest testing chamber, check that the time in printout is set to 1 min or



more. If you have a long test, printing every 10 or even 60 minutes would be adequate.

6. After the test has started, the view on desktop should be something like following:



Winwedge program window is visible and it writes data to the suntest.txt text file.

7. The formatting of data in suntest.txt file is like this, and below that will be the measured values:

OPER.HOUR : ____ h
 XENON LAMP: ____ h

 FILTER: _
 SUNTEST ____ SERIAL NUMBER: ____

 PROGRAM NUMBER: _
 SWITCH OFF: (TIME/DOSE) ____
 PHASE NUMBER: _
 PHASE TIME: ____ (min)
 E: ____ (W/m²)
 BST: ____ (°C)
 FW: ____

 PN = PHASE NUMBER
 PT = PHASE TIME
 E = IRRADIANCE
 H = DOSE
 BST = BLACK STANDARD TEMPERATURE
 CHT = CHAMBER TEMPERATURE
 T = RUNNING TIME

PN	PT	E	H	BST	CHT	T
n	min	W/m ²	kJ/m ²	°C	°C	min

8. When the test is over, you can close the winwedge and take your suntest.txt file with you!

