

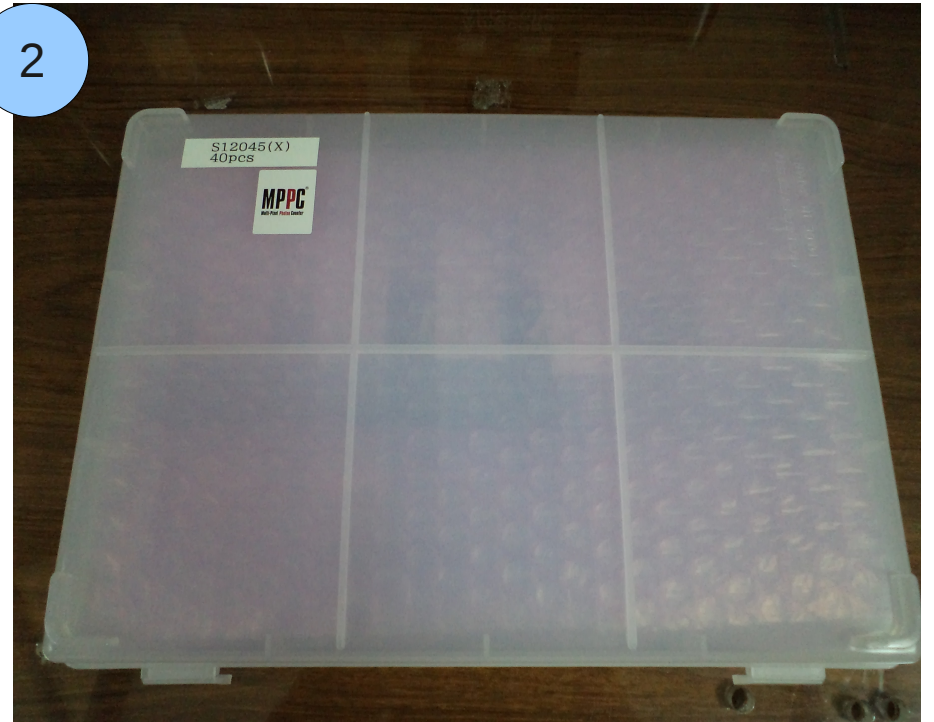
# Report

## January 31, 2012

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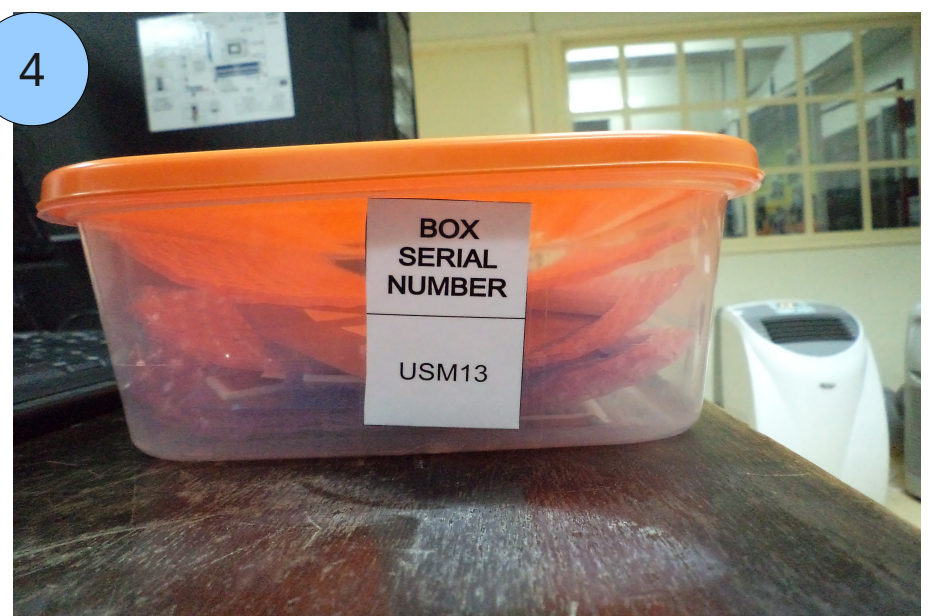
2



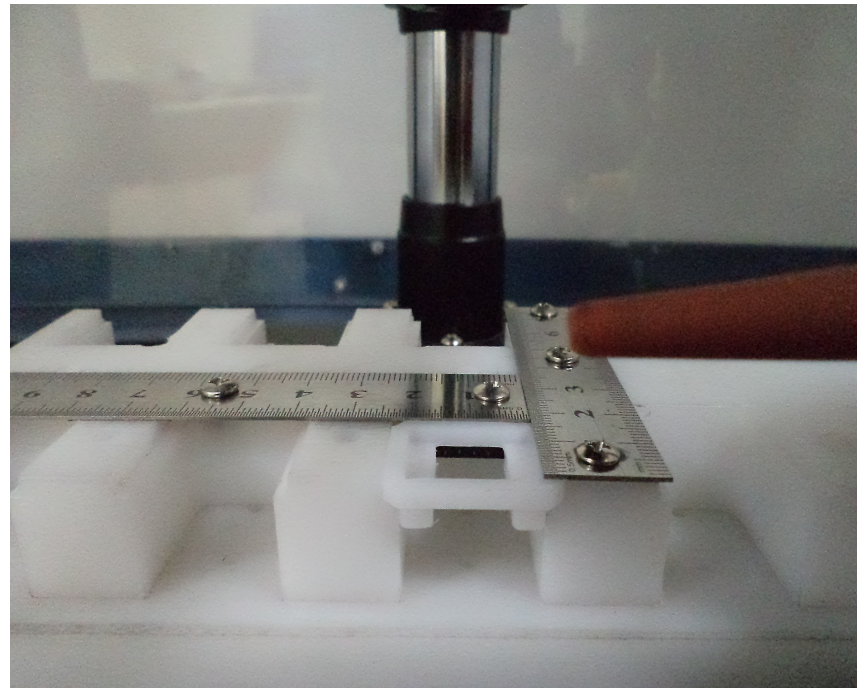
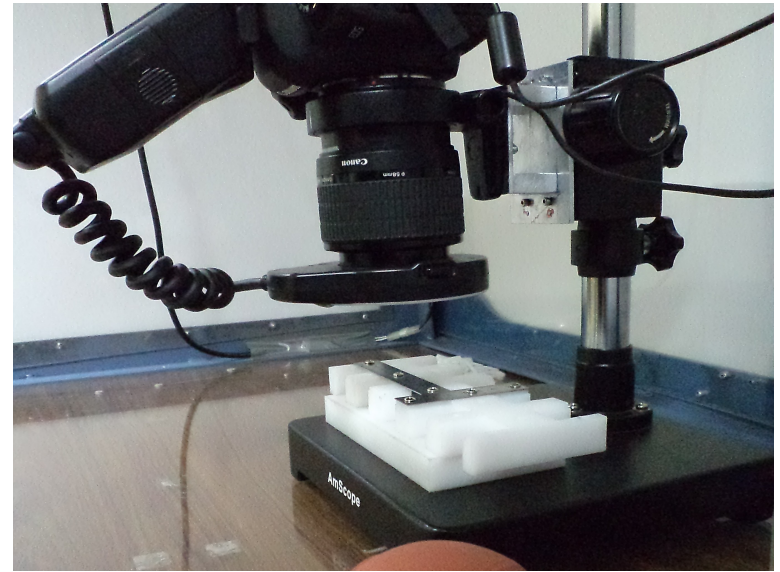
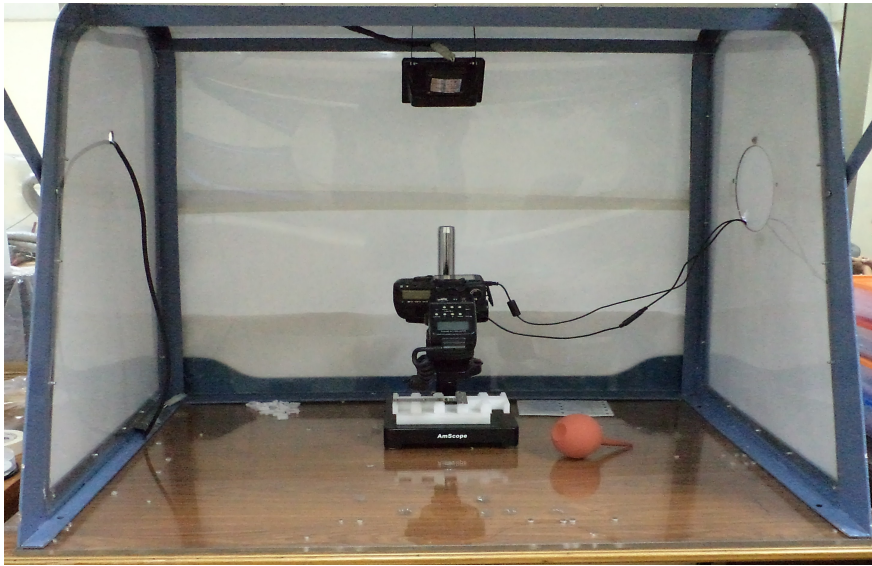
3



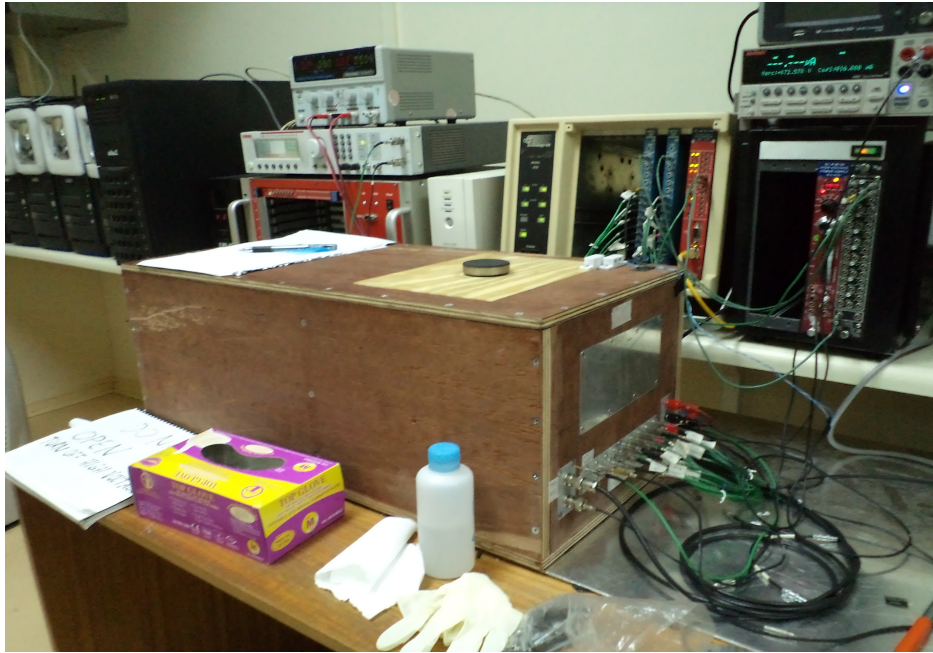
4







## Stage 2 Status



PDE box



Pulse shape  
box



# Thermocouple status at 10[°C]

```
System Status, ver 0.1
Temp Cu plate MPPC [°C]-----*
|
|      11.05      10.95      10.89      10.97
|
|      11.11      10.99      10.92      10.94
|
|      11.16      11.06      10.98      10.95
|
|      11.04      11.07      11.07      10.93
|
*-----*
Temp Cu plate back [°C]-----*
|
|      23.11
|
|      23.17
|
|      23.67
|
*-----*
Temp Inside box [°C]-----*
|
|      23.20
|
|      23.75
|
*-----*
----->--> Out Flow---*

Humidity [%RH]-----*
|
|      Cu plate      Inside box
|
|      67.96      44.10
|
*-----*

System msg
>connected to atlas3:win01
>measuring sensors
>win01 response:
>ok, client close!
>done!
>press any key to exit.
```

# Thermocouple status at 15[°C]

```
System Status, ver 0.1
Temp Cu plate MPPC [°C]-----<--- In Flow---*
    15.74          15.68          15.62          15.66
    15.76          15.69          15.64          15.66
    15.81          15.73          15.68          15.66
    15.73          15.73          15.74          15.65
*----->--> Out Flow---*

Temp Cu plate back [°C]-----*
    23.19
    23.25
    23.75
*-----*

Temp Inside box [°C]-----*
    23.24
    23.81
*-----*

Humidity [%RH]-----*
    Cu plate      Inside box
    58.46         44.08
*-----*
```

```
System msg
>connected to atlas3:win01
>measuring sensors
>win01 response:
>ok, client close!
>done!
>press any key to exit.
```



# Thermocouple status at 20[°C]

```
System Status, ver 0.1
Temp Cu plate MPPC [°C]-----*
|                               |                               |                               |                               |
|    20.46                      |    20.45                      |    20.47                      |    20.50                      |
|                               |                               |                               |                               |
|    20.49                      |    20.48                      |    20.50                      |    20.50                      |
|                               |                               |                               |                               |
|    20.50                      |    20.50                      |    20.50                      |    20.50                      |
|                               |                               |                               |                               |
|    20.48                      |    20.46                      |    20.51                      |    20.46                      |
|                               |                               |                               |                               |
|-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
Temp Cu plate back [°C]-----*
|                               |
|    21.97                      |
|                               |
|    21.94                      |
|                               |
|    22.45                      |
|-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
Temp Inside box [°C]-----*
|                               |
|    22.04                      |
|                               |
|    22.36                      |
|-----*-----*-----*-----*-----*-----*-----*-----*-----*
Humidity [%RH]-----*
[orsosa@atlas3 test]$
|                               |                               |
|    Cu plate                    |    Inside box                    |
|                               |                               |
|    48.42                      |    45.65                      |
|-----*-----*-----*-----*-----*-----*-----*-----*-----*
System msgSegmentation fault
>measuring sensors
>win01 response:
>ok, client close!
>done!
>press any key to exit.
```

Thank you