

Target Operation Manual

0.1 Contacts

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0.2 Target

Figure 1 shows the HPS target. The $4\mu\text{m}$ -thick tungsten is used for 1.1 GeV and 2.2 GeV data taking, and the $8\mu\text{m}$ -thick tungsten is for 4.4 GeV and 6.6 GeV. The graphite and CH_2 targets are for cross section calibration.

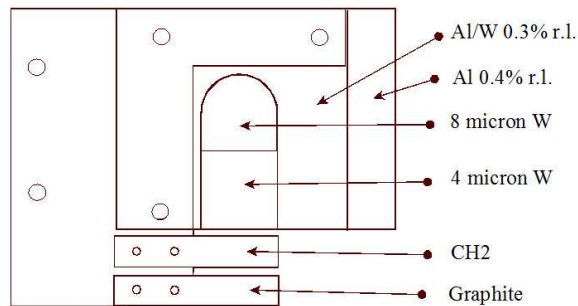


Figure 1: Target

0.3 Setting the target

Target can be set by running the target GUI (Figure 2).

- Call MCC to turn off the beam.
- Hit appropriate target button.
- Hit “OUT” button to remove the target.

The target will be placed at the nominal beam position. By providing an offset value, the target position can be changed vertically.

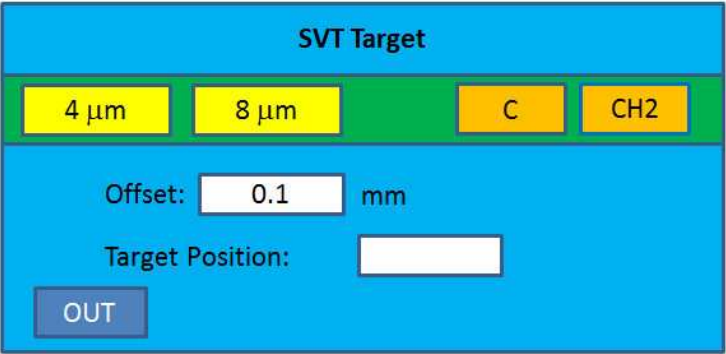


Figure 2: Target GUI