

Detector Layout, SoLID FY2022 beam test, January – March 2023

Detector information, from up- to downstream:

- GEM_00: 10*10cm
- GEM_01 (only for 18 deg run): 10x10cm
- SC_A: 5cm (x) * 7.5cm (y) * 1cm(z)
- Cherenkov
- GEM_10: 10*10cm
- GEM_11: 10*10cm
- SC_C: trapezoid shape: 3.5cm (left at end tip), 5.5cm (right at end tip, connected to light guide), 18cm (x), 2cm thickness (z)
- SC_D: newly built with Kedi-6 preshower tile and existing PMT and light guide
- Preshower:
Preshower_T(SDU#2),L(SDU#1),R(THU#1)
- Shower: Shower_T(SDU#5), L(SDU#4), R(THU#4)
- SC_B: 5cm(x) * 10cm(y) * 1cm(z)

