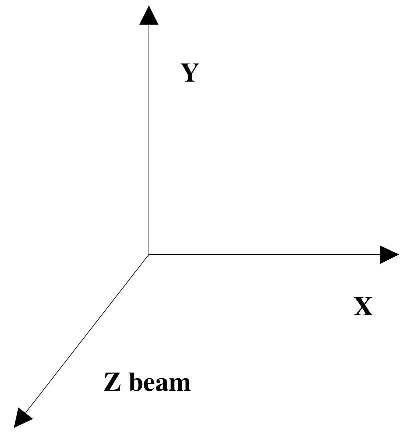
**Chambers**




**Pressure vessel:**

Length = 52 cm, diameter = 32 cm, radial wall thickness 6 mm.

Window: diameter = 40 mm, 300 µm lavsan

**Beam PCs: PC1, PC2**

Dimension Y x X = 10 cm x 15 cm

| | direction | diam. (µm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | X | 50 | 1.0 | gold tungstem | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC1 | Y | 25 | 4 | gold tungstem | 0 | 32 |
| gap | 3.5 | | | | | |
| cathode 1 | X | 50 | 1.0 | gold tungstem | − 6.5 | |

| | direction | diam. (µm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | Y | 50 | 1.0 | stainless steel | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC2 | X | 25 | 4 | gold tungstem | 0 | 16 |
| gap | 3.5 | | | | | |
| cathode 1 | Y | 50 | 1.0 | stainless steel | − 6.5 | |

**Bottom PCs: PC3, PC4**

Dimension Z x X = 30 cm x 15 cm

| | direction | diam. (µm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | X | 50 | 1.0 | stainless steel | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC4 | Z | 25 | 4 | gold tungstem | 0 | 24 |
| gap | 3.5 | | | | | |
| cathode 1 | X | 50 | 1.0 | stainless steel | − 6.5 | |

| | direction | diam. (µm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | Z | 50 | 1.0 | stainless steel | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC3 | X | 25 | 4 | gold tungstem | 0 | 64 |
| gap | 3.5 | | | | | |
| cathode 1 | Z | 50 | 1.0 | stainless steel | − 6.5 | |

| | direction | diam. (μm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| shield | Z | 50 | 0.5 | stainless steel | − 6.5 | |

**Bottom PCs: PC5, PC6**

Dimension X x Z = 10 cm x 15 cm

| | direction | diam. (μm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | X | 50 | 1.0 | gold tungstem | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC5 | Z | 25 | 4 | gold tungstem | 0 | 24 |
| gap | 3.5 | | | | | |
| cathode 1 | X | 50 | 1.0 | gold tungstem | − 6.5 | |

| | direction | diam. (μm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | Z | 50 | 1.0 | stainless steel | − 6.5 | |
| gap | 3.5 | | | | | |
| anode PC6 | X | 25 | 4 | gold tungstem | 0 | 32 |
| gap | 3.5 | | | | | |
| cathode 1 | Z | 50 | 1.0 | stainless steel | − 6.5 | |

**TPC**

Position: X = 0 −15 cm
Y = 0 − 7.7 cm
Z = 0 − 30 cm

| | direction | diam. (μm) | spacing (mm) | material | HV (kV) | readout (ch) |
|---|---|---|---|---|---|---|
| cathode 1 | X | 50 | 1.0 | stainless steel | − 6.5 | |
| gap | 3.5 | | | | | |
| anode A | X | 25 | 4 | gold tungstem | 0 | 64 |
| gap | 3.5 | | | | | |
| cathode 2 (4 mm strips) | Z | 50 | 0.5 | stainless steel | − 6.5 | 27 |
| main cathode | Z | 300 | 3.0 | beryllium bronze | − 25 | |