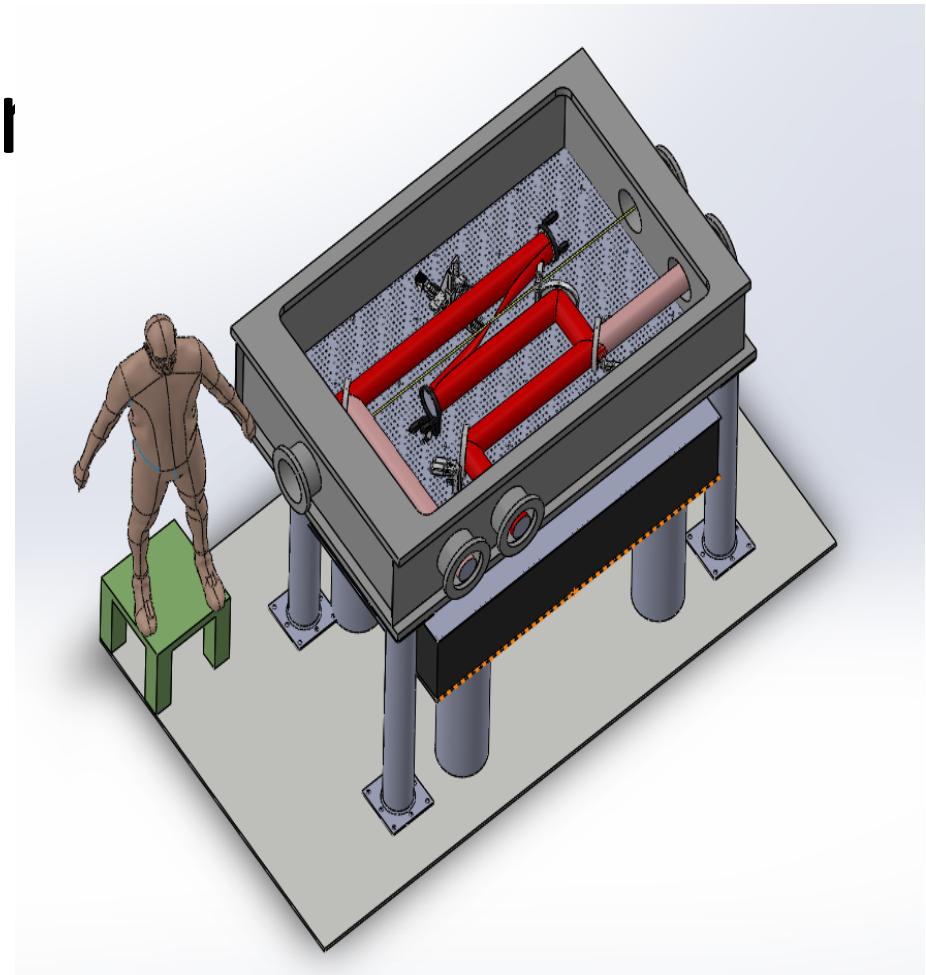# General dimension

Scale: 1.83 meter tall man next to the chamber
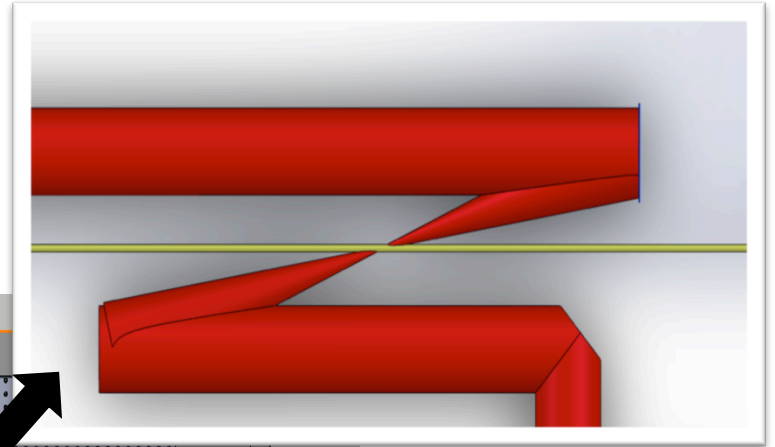
1830 mm

2230 mm

1500 mm
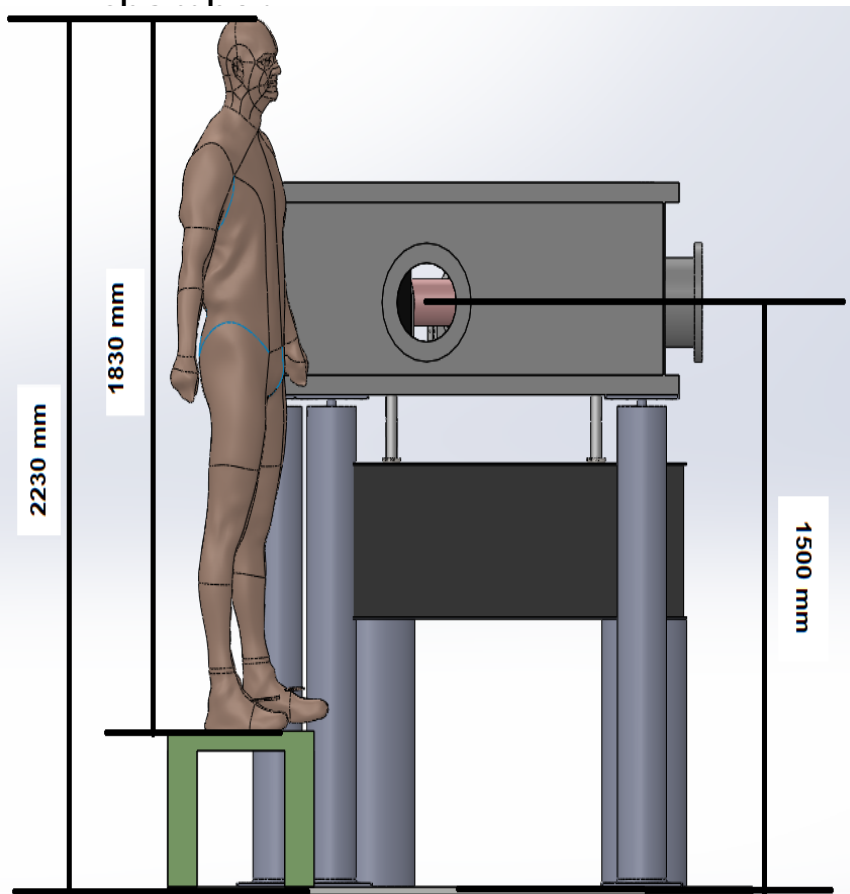
Height of laser beam from the floor
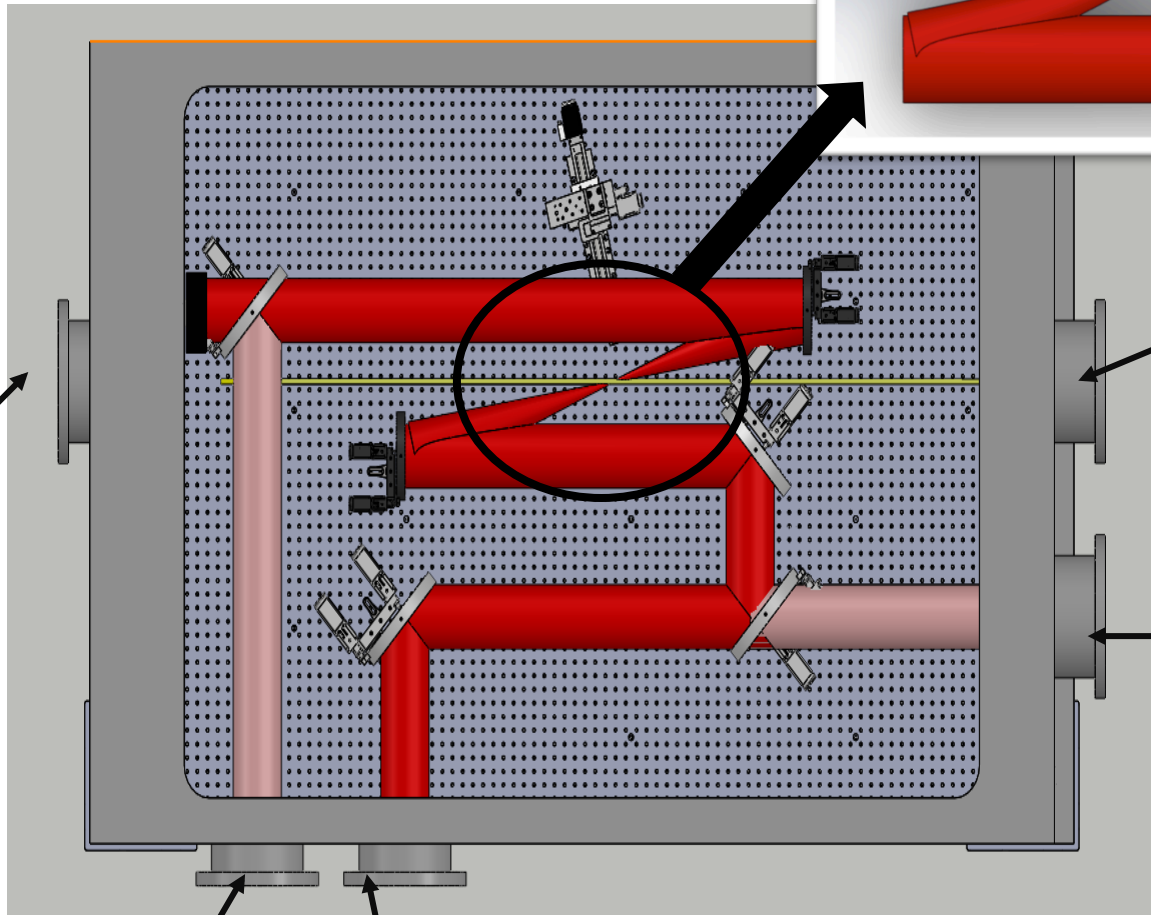
Vacuum chamber dimensions
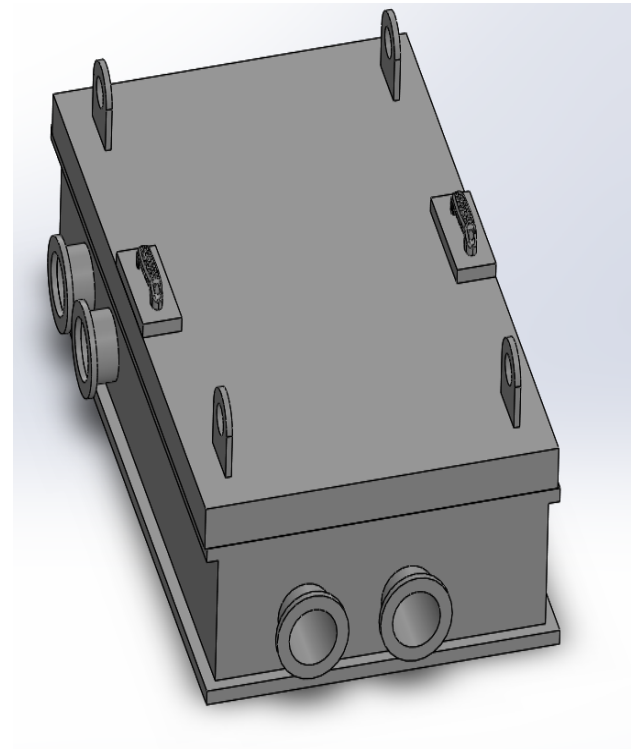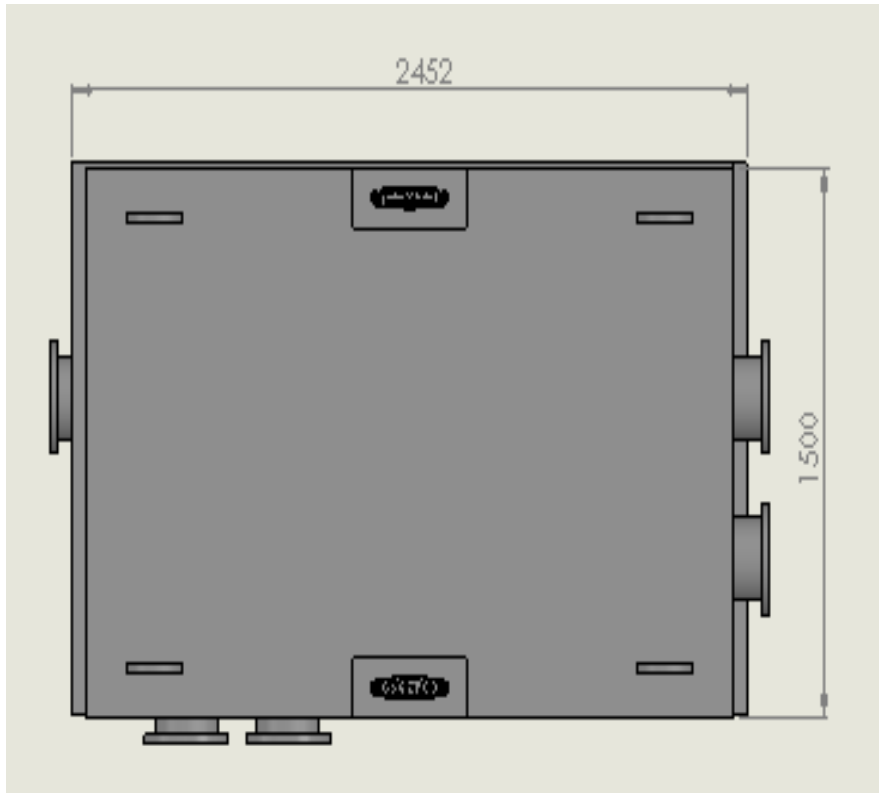
TOP VIEW - Ports
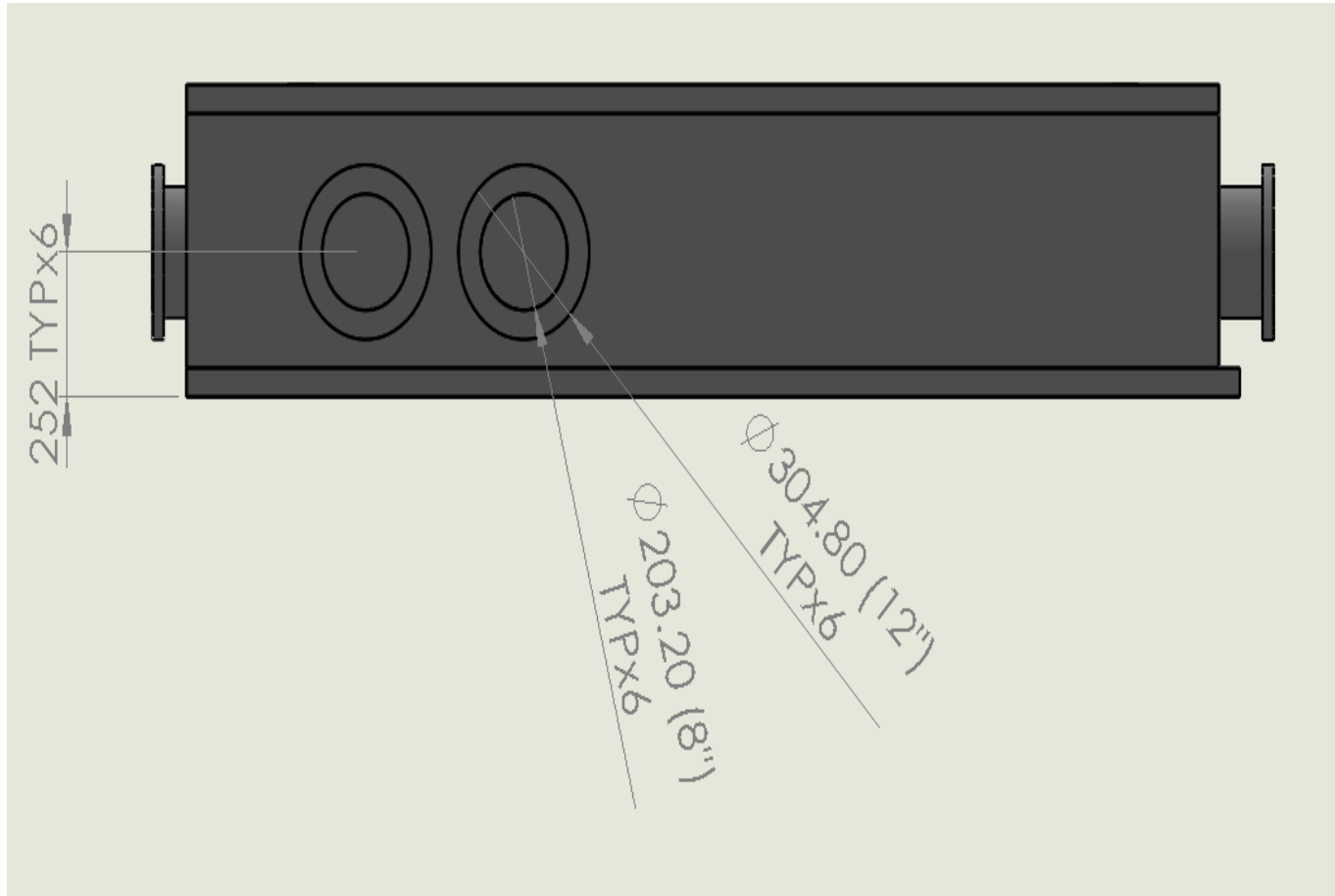

Electron beam & experiment output

Electron beam

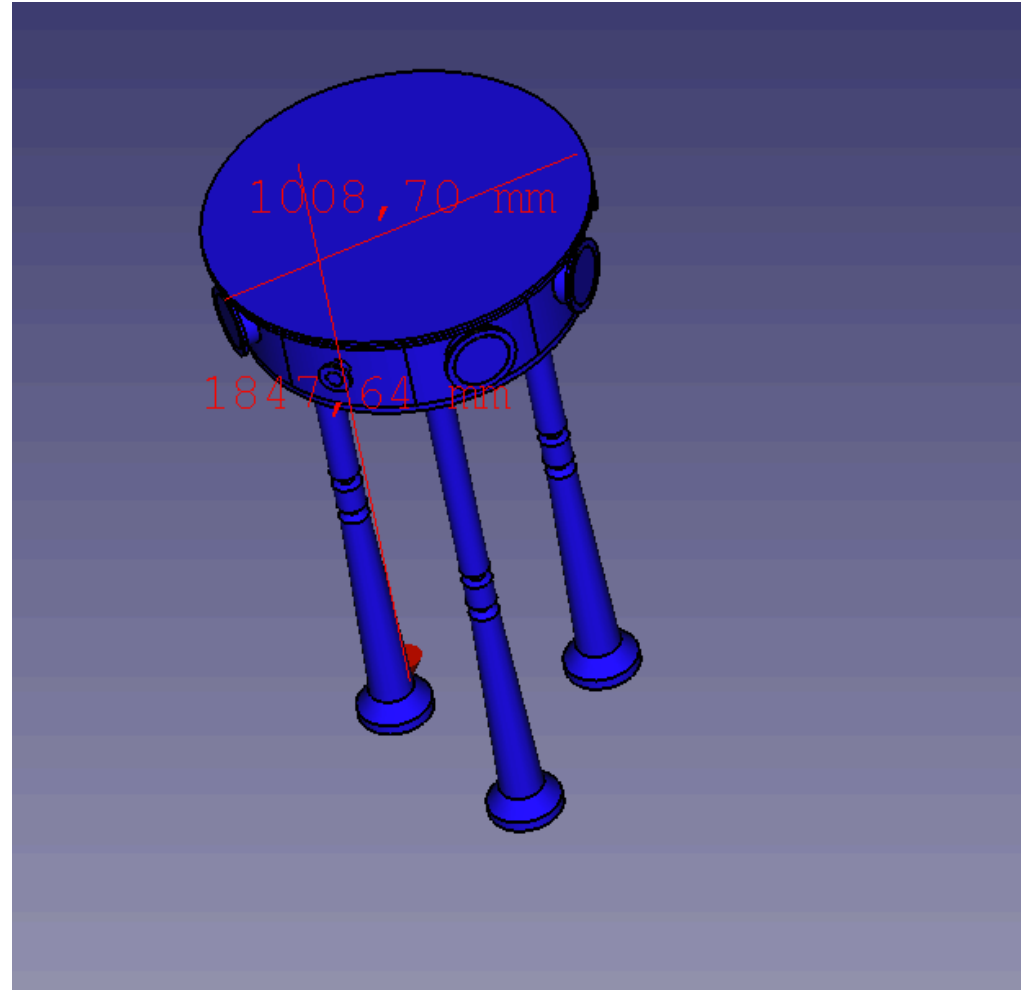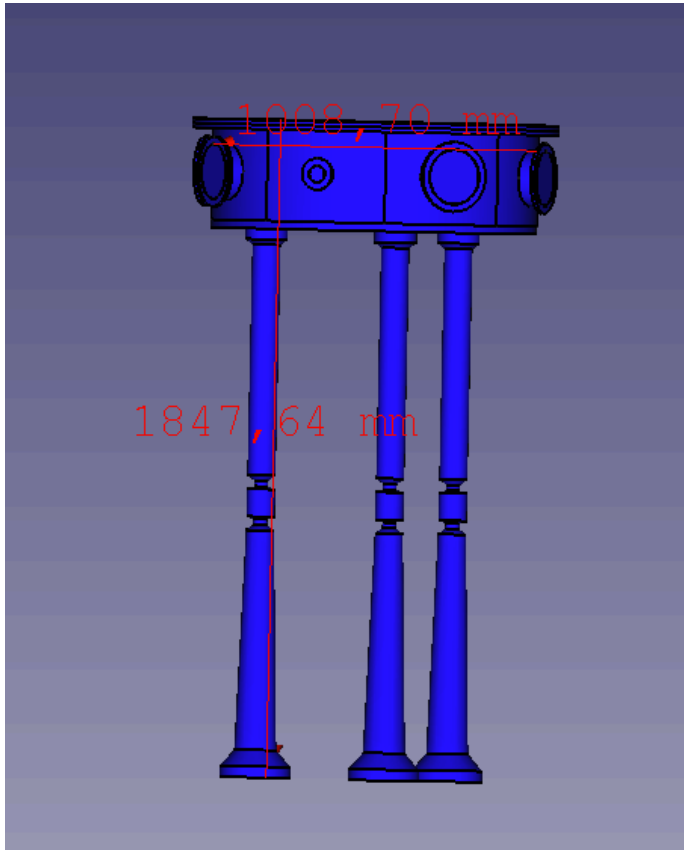Laser beam leakage to camera

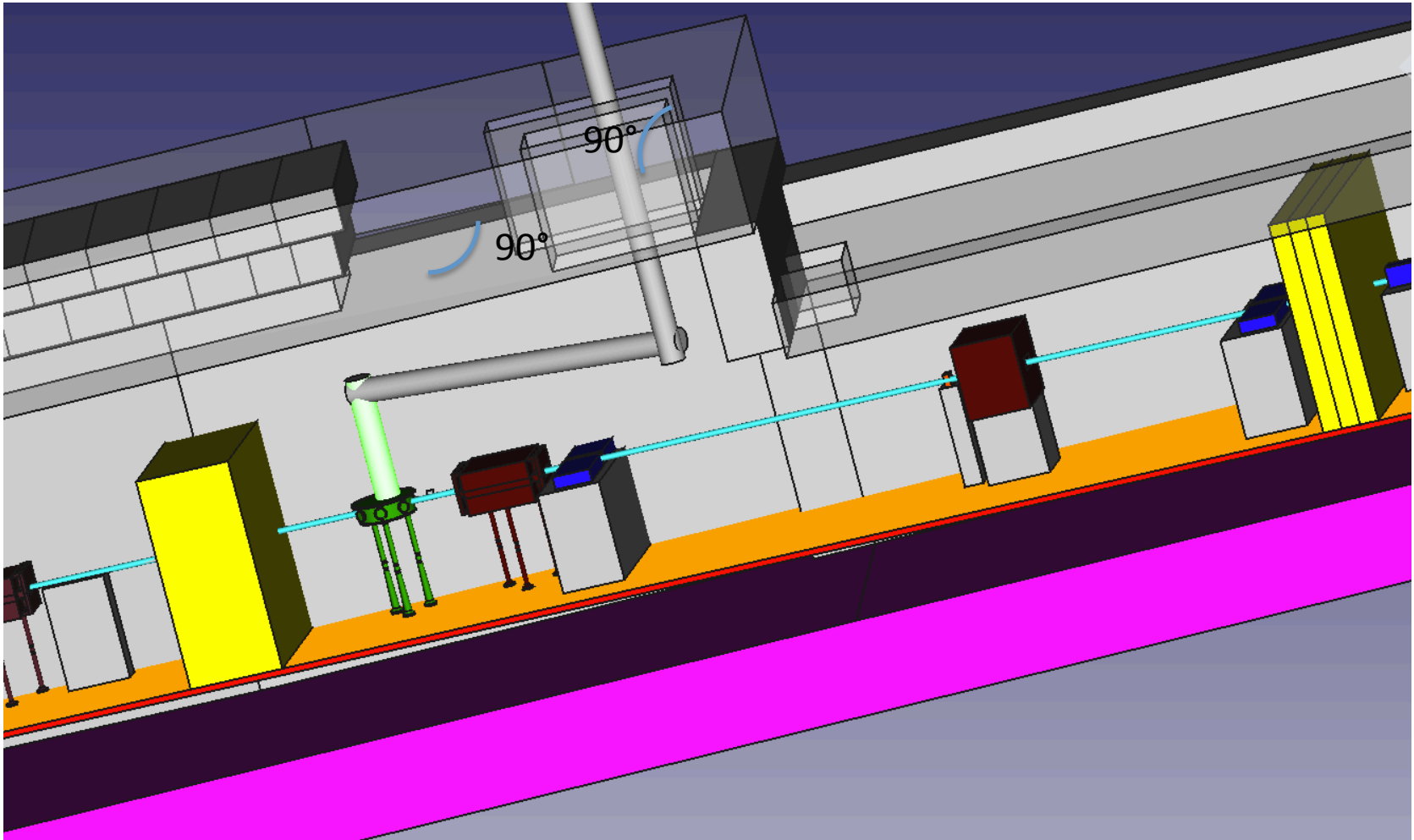Laser beam to measuring table

Laser beam entrance

Port dimensions

This is what we currently have in the simulation

Angle between the electron beam pipe and the IPBox will happen in the box, it is important however to bend the laser pipe along with 45° mirrors, that translate into 90° angle.

Angle between horizontal laser pipe and beam pipe is around 18°, is this a problem?

The new IP box does not fit in the model, it's too big, fortunately we will shift the beam line away from the wall by 2 degrees, made some preliminary tests and it should fit.