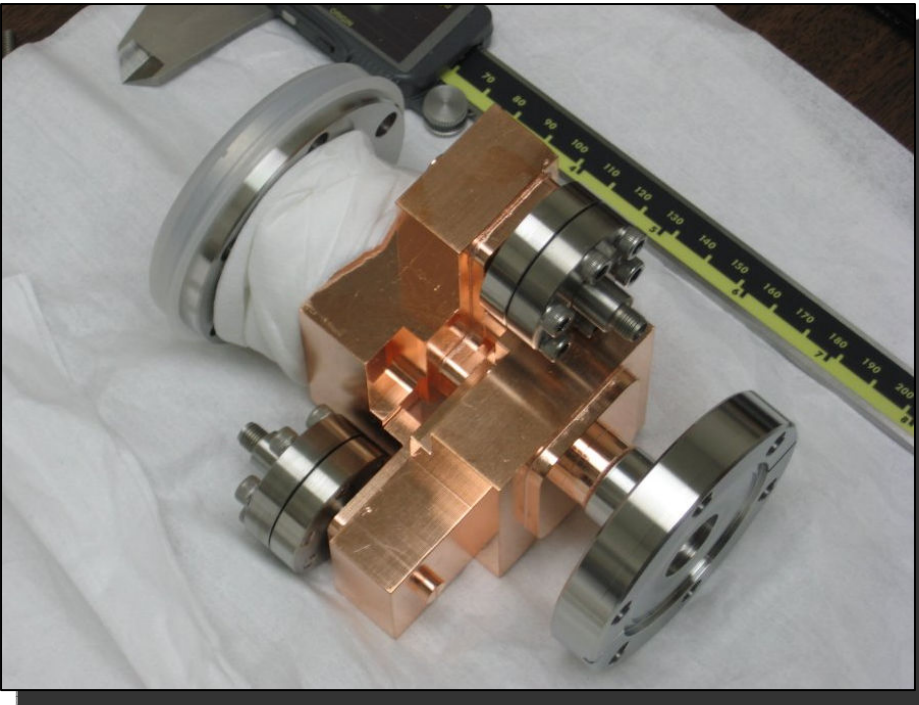


# Beam Position Monitor (BPM)

The resonant cavity based beam-position-monitor (BPM) is non-intrusive to the beam and allows pulse-to-pulse measurement. Thus, the BPM helps to achieve higher luminosity beams and reduces beam tune-up time.



## Features:

Efficient cavity design  
High resolution

Resonant cavity base  
Non-invasive

Single pulse measurement

- Efficient cavity design reduces fabrication costs.
- Provides high resolution ( $< 100$  nm) of beam position.
- RF tests successfully performed at FAR-TECH, Inc.
- Beam tests successfully performed at Brookhaven National Laboratory.
- Complete measurement solution with electronics is available.

