Instruction for identifying the handle side and device side of the SOI

1. Check the H-bar on the cassette

   Handle Side (back side): faces the H-Bar - Slot #1

   Device Side (front side): faces Slot #25

2. Check fringe patterns (will apply on the SOI with device thickness of 5um or less)

   Device Side (front side): has colorations fringe patterns

   Handle Side (back side): no fringe patterns.

3. Check the edge exclusion

   Device Side (front side): has very small and jagged edge exclusion

   Handle Side (back side): no exclusion

4. Check flats (will apply on 4" P-type with 2 flats)

   Device Side (front side): set the primary flat (longer) at 12'Oclock and the secondary flat (shorter) at 3'Oclock.

   Handle Side (back side): set the primary flat (longer) at 12'Oclock and the secondary flat (shorter) at 9'Oclock.

Some SOI has their own characteristic to identify the sides such as back side polished with oxide and polished with scribe a "B" or back side etched, nanoground and laser mark or else.