

The FC mode is used to grind a patient's old lens into a new frame as long as the new frame is smaller than the old. (All shapes displayed reflect the Doctor looking at the patient).

- 1- Trace the new frame
- 2- Press DATA SET key. The traced frame data is transferred and the traced outline is displayed.
- 3- Enter existing patients' information (PD, Seg Ht, Lens Type, Frame Type).
- 4- Once all patients' information is entered, press FC (Frame Change) key. "FC" is displayed on the lower right corner of the display panel, which means the machine is in the frame change mode. Frame image will become dimmer.

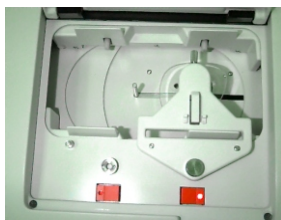
Note: To enter into the frame change mode, grinding mode **MUST** be set to **ACT**.



- 5- Before removing the patients lens from the old frame, mark the lens with the lensometer to obtain an optical center and a 180 degree axis line.
- 6- Remove the patients' lens from the frame.
- 7- Block the optical center on the convex (front) surface using the centering device (blocker). (If lens is bifocal, place block in the middle of the top of the seg.)



- 8- Place the blocked lens into the pattern setting unit and secure it by tightening the screw.

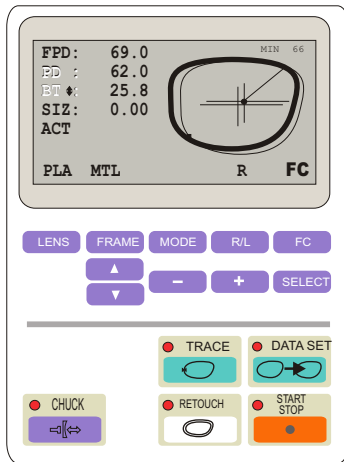


- 9- Open Sliding doors to tracer and fasten Pattern Setting Assembly into tracer.

Note: For tracing of the right lens, set the pattern setting assembly to the right side of tracer. For tracing of the left lens, place into left side of tracer.
- 10- Press the orange button below Pattern Setting Assembly. You will see the turret rotate until measuring pin hole is exposed.
- 11- Insert measuring pin into hole and press flashing **Trace Key**. Measuring Pin will now trace lens.

- After measuring pin is finished tracing lens, remove it from tracing unit and press the orange button below pattern setting assembly. Pinchers from tracer should open and pattern setting assembly can be removed from tracer unit at this time. You should see a second darker lined image (*patients' lens*) in approximately 10 seconds overlapping the lighter displayed image (*frame*).

Note: It is not necessary to press the **DATA SET** key once lens is finished tracing.



- Compare the frame traced outline (thin lined image) with lens shape (darker lined image), in order to verify the lens size. The thin line image (frame) must be inside the thick line image (patients' lens). If the lens is lacking in size, it is possible to move the traced outline to the inside of lens shape by altering PD value and the Seg Height value using the + and/or - on the display panel. These values will differ from the prescription value.
- To do the left lens, press the R/L button to change frame display (thin lined image) to show left eye. You **MUST** re-trace the patients existing left lens on the left side of the tracer; repeating steps #4.