

Single Vision*

On the ICE-9000

- 1- Trace the frame.
- 2- While the frame is being traced:
 - a) Enter Job #
 - b) Press **Data Set** . When tracing is complete, the traced image will appear on the display.
- 3- Select lens type: **Single**
- 4- Select lens material
- 5- Select frame type
- 6- Select polish type
- 7- Select **SFB** type
- 8- Enter the patient's **Distance PD**
- 9- Set the layout mode to **PAS**
- 10- Place the right lens on the stage. The ICE will locate the optical center and stop blinking
NOTE: if the optical center is red, blocking cannot be done
- 11- Insert a block with an adhesive pad into the blocking arm
- 12- Press and hold the **Block** key until it beeps.
- 13- The blocking arm will place the block on the Lens
- 14- Remove the blocked lens and place it into the tray
- 15- Repeat this same procedure for the left lens

On the ME-1000 edger

- 1- Confirm **External** appears on the display
- 2- Enter the job #
- 3- Insert the right lens into the cup holder
- 4- Press **Chuck**
- 5- Press **Start**

Bifocal

On the ICE-9000

- 1- Trace the frame.
- 2- While the frame is being traced:
 - a) Enter Job #
 - b) Press **Data Set** . When tracing is complete, the traced image will appear on the Display
- 3- Select lens type: **MULTI**
- 4- Select lens material
- 5- Select frame type
- 6- Select polish type
- 7- Select **SFB** type
- 8- Enter the patient's Near **PD**
- 9- Enter the patient's seg height in **BT** \updownarrow
- 10- Place the right lens on the stage, and align the top of the seg within 10 degrees. The ICE will locate the optical center and stop blinking
NOTE: If the seg is red, blocking cannot be done.
- 11- Insert a block with an adhesive pad into the blocking arm
- 12- Press and hold the **Block** key until it beeps.
- 13- The blocking arm will place the block on the Lens
- 14- Remove the blocked lens
- 15- Repeat this same procedure for the left lens

On the ME-1000 edger

- 1- Confirm **External** appears on the display enter
- 2- the job #
- 3- Insert the right lens into the cup holder
- 4- Press **Chuck**
- 5- Press **Start**

Progressive**

On the ICE-9000

- 1- Trace the frame.
- 2- While the frame is being traced:
 - a) Enter Job #
 - b) Press **Data Set** . When tracing is complete, the traced image will appear on the display.
- 3- Select lens type: **PROG**
- 4- Select lens material
- 5- Select frame type
- 6- Select polish type
- 7- Select **SFB** type
- 8- Enter the patient's distance monocular **PD**
- 9- Enter patient's **Seg Height** in **BT** \updownarrow
- 10- Place the right lens on the stage. And align the markings horz. within 10 degrees. The ICE will locate the markings and stop blinking.
NOTE: if the markings are not locked on, blocking can not be done.
- 11- Insert a block with an adhesive pad into the blocking arm.
- 12- Press and hold the **Block** key until it beeps.
- 13- The blocking arm will place the block on the lens.
- 14- Remove the blocked lens.
- 15- Repeat this same procedure for the left lens

On the ME-1000 edger

- 1- Confirm **External** appears on the display
- 2- Enter the job #.
- 3- Insert the right lens into the cup holder.
- 4- Press **Chuck**
- 5- Press **Start**

Executive

On the ICE-9000

- 1- Trace the frame.
- 2- While the frame is being traced:
 - a) Enter Job #
 - b) Press **Data Set** . When tracing is complete, the traced image will appear on the display.
- 3- Select lens type: **MANUAL**
- 4- Select lens material
- 5- Select frame type
- 6- Select polish type
- 7- Select **SFB** type
- 8- Enter the patient's distance **PD**
- 9- Enter patient's seg height in **BT** \updownarrow
- 10- Locate the distance optical center on the lens and, with a marking pen, spot a new reference mark directly below the distance optical center on the seg line.
- 11- Place the right lens on the stage and align the new mark with the white cross on the center vertical line.
- 12- Insert a block with an adhesive pad into the blocking arm.
- 13- Press and hold the **Block** key until it beeps.
- 14- The blocking arm will place the block on the lens.
- 15- Remove the blocked lens.
- 16- Repeat this same procedure for the left lens

On the ME-1000 edger

- 1- Confirm **External** appears on the display.
- 2- Enter the job #.
- 3- Insert the right lens into the cup holder.
- 4- Press **Chuck**
- 5- Press **Start**

Definitions

Layout modes:

ACT- Blocking on Optical Center

PAS- Blocking on Geometric Center

WD- Segment Width

EP- Eye Pont Layout (vertical distance between laser marks and fitting cross).

Lens Types:

PLA- CR39

HPL- High Index Plastic

PC- Polycarbonate

ACR- Acrylic

TRX- Trivex

Modes (MTL & ZYL frames):

AUT = Automatic Bevel Placement

GUI = Custom Bevel Placement

EX = Tilted bevel for Executive lenses

Modes (Rimless frames):

AUT = Automatic Groove Placement

GUI = Custom Groove Placement, Width or Depth

EX = Tilted Groove for Executive lenses

BLANK = Drill Mount

Tracing a Demo Lens

- 1 Dot the demo lens on the 180 axis in the Frame
- 2 Attach the concave side of the right demo lens to the Dummy Lens Holder
- 3 Place the dummy lens holder on the Pattern Setting Assembly (PSA)
- 4 Place the PSA onto the ICE-9000 magnetic holder
- 5 Press **R** to trace the right demo lens or, press **L** if using the left.
- 6 Follow steps 1 & 2 above Single Vision.

Tracing a Pattern

- 1 Place the pattern on the pattern holding side of the rimless jig.
- 2 Place jig on magnetic jig holder
- 3 Press **R** if nasal is to the right or, **L** if nasal is to the left
- 4 Press the **Data Set** key
- 5 Follow steps #s 1 & 2 above

* In the **Lens Type** menu operator can choose single vision detect mode **Optical Center** or **Mark**

** In the **Lens Type** menu, operator can choose progressive detect mode- **Full Auto**, **Semi Auto** (print mark) or **Point Mark** (Recommended: requires enhancement of laser marking with marking pen)