

Setting up Lensometer:

- Turn eye piece all the way to the right, power wheel to +10.00 and Axis wheel to 180
- Look inside lensometer and focus on the reticle, turn the eye piece to the right until the reticle looks sharp and clear stop be sure you do not go back and forth
- When you think reticle is focused begin to turn power wheel in minus direction until both sphere and cylinder are in focus,
- Check power wheel it should read zero if not continue back to step one, if at zero you are ready to neutralize

Neutralizing Single vision sphere

- Turn the power wheel to +10.00
- Turn Axis wheel to 180
- Start with the right eye center lens holder and stabilize using lens table
- Begin to move power wheel in minus direction stop when both sphere and cylinder become clear
- Record power and move to left eye

Neutralizing Single Vision with Cylinder

- Turn the power wheel to +10.00
- Turn Axis wheel to 180
- Start with the right eye center lens holder and stabilize using lens table
- Begin to move power wheel in minus direction stop at the brightest spot
- Turn axis wheel until a set of lines become sharp
- Turn back to +10.00
- Move power wheel in minus direction stop at first set of lines
- Refine axis
- Recheck by going back to +10.00
- Confirm sphere lines are first, record power and continue in minus direction until cylinder are in focus
- Record Sphere Power, determine how far you traveled from sphere to cylinder power and record amount of change, record axis, move to left eye and repeat

Bifocal

- Use same steps as Single vision
- Determine Add power
- Flip glasses so temples are facing towards you
- Locate the sphere power using methods described in single vision neutralizing
- Move to segment find sphere lines
- Determine the amount you traveled from sphere in distance to sphere in segment and record add power
- Move to left eye and repeat

Progressive Lenses

- Mark up progressive using appropriate manufacture chart
- Locate the distance portion and neutralize using single vision directions (be aware the lines may not be perfectly clear, the lines may not be in the center of the reticle)
- Move to left eye repeat
- Move to PRP neutralize using methods described in single vision, determine the amount of vertical prism present
- Move to left eye and repeat
- Compare right and left eye and determine imbalance.