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Measuring the distance between the centres of the eyes

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The nose is not always at the absolute centre of face thus, a difference approach must be taken to find the distance between the centres of the pupils. This can be done through measurements of each pupils to the nose one by one which then will result in the absolute centre of the pupils.

If the placement of the centre of the lenses do not match with the centre between the pupils, it can result in discomfort while using the eyeglasses. Since the brain works harder in order to control the visibility of the eyes and it must adapt every time one changes glasses.

Measuring the distance between the centres of the eyes

Once the distances from each pupils to the nose are measured, the lens sensors (consisted of 9 light rays) are set up with precisions with its ability to measured up to 0.01 diopter which results in the ability to sculpt the lenses with 0.01 millimeter precision point. Then the bridge of the eyeglasses are adjusted to fit with the customers nose. The end product of these procedures is the most comfortable eyeglasses that do not need its users to force adjust their eyes like other eyeglasses.

Pupillary Distant (PD) By MasterBobi

ISOPTIK uses three-dimensional digital system for eye examinations with high precisions. It measures the signals corporations of the eyes in all long distance, middle distance and short distance. These measurements are for the placement of the centres of the eyeglasses lenses that must match the centres of both eyes pupils in every distance. This provides best visibility quality with comfort.