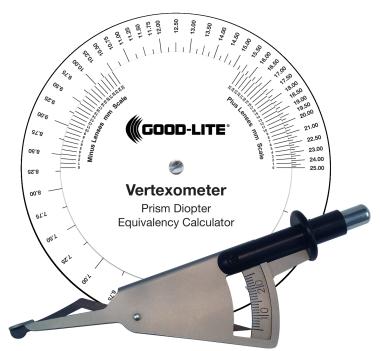
Good-Lite Distometers - Choice of Metal or Lightweight

Technical Bulletin



Operation of the Good-Lite Metal Distometer is very straight forward. With eye closed, the plunger is used to engage the caliper and measure vertex distance between cornea and the patient's normal Rx lens. One end of the caliper rests against the upper eyelid and the other presses against the back of surface of the spectacle lens. The scale on the gauge automatically compensates for the lid thickness. Measurement is then repeated with the trial frame and lens to permit comparison with final RX in patient's frame. The Conversion Dial then permits calculating the effect of any difference in vertex distance between the trial lenses and the resultant spectacle Rx. This helps avoid any error in the effective power of the correction.

A lightweight (plastic) Distometer with Dial is also available as part number 518300.

675500 - Metal Distometer and Dial 518300 - Lightweight Distometer and Dial







Several years ago the manufacturer of a metal version of a Distometer (aka Vertexometer) discontinued the product, much to the chagrin of many users. Good-Lite has a similar unit for those who prefer a metal Distometer instead of the lightweight plastic Distometer currently offered. Many practitioners see the vertex distance as increasingly important when correction is greater than 4.00 diopters.

The Distometer (or Vertex Distance) gauge is designed to accurately measure the vertex distance between the apex of the cornea and real surface of the trial lens or the inside surface of the spectacle Rx lens. The Conversion Disc is then used to convert the vertex distance into an equivalent lens power for the estimated distance from the eye to the final Rx.

Patients have been demanding greater Rx accuracy due in part to the increasing popularity of custom progressive addition lenses, many of which require a vertex distance for accurate prescription calculation. Further, the increasing use of prisms for Orthoptic exercises or Vision Therapy require accurate assessment of the vertex distance.



One end of the Distometer rests against the upper eyelid and the other contacts the rear of surface of the lens.





Lightweight Distometer

