



The division lines on vernier are numbered from 0 to 10 if altitude scale be in 10 feet divisions, and 0 to 20 if scaled for 20 feet.

By means of thumb screw operating rack and pinion the vernier is set for reading by bringing the zero line of its scale directly under the end of the Barometer hand.

Observe which line on the vernier is exactly coincident with a line on the altitude scale; the number of the coinciding vernier line is the number of feet to be added.

For example—If a Barometer scaled in 10 feet, indicates an altitude of 1770 feet and the coinciding line on the vernier be 7, the altitude is 1777 feet.

## Compensation

The *Tycos* Surveying Aneroid is compensated for errors due to expansion or contraction of its parts through changes in temperature.