What is claimed is:

1. A determining method for determining whether or not the tension of an adhesive tape constituting a frame unit is proper, said frame unit being configured by uniting a plate-shaped workpiece and an annular frame through said adhesive tape, said adhesive tape being composed of a base layer and an adhesive layer formed on said base layer, said workpiece being attached to a central portion of said adhesive layer of said adhesive tape, said frame being attached to a peripheral portion of said adhesive layer of said adhesive tape so as to surround said workpiece in spaced relationship therewith, said determining method comprising:

a supporting step of supporting said workpiece and said frame in the condition where said base layer of said adhesive tape is exposed upward and a space is defined between said workpiece and said frame below said adhesive tape;

a downward amount measuring step of placing a weight on said adhesive tape at the position corresponding to said space and then measuring a downward amount corresponding to the tension of said adhesive tape according to the height of said weight with reference to the height of said adhesive tape at the position corresponding to said workpiece and the height of said adhesive tape at the position corresponding to said frame; and

a determining step of determining that the tension of said adhesive tape is proper when said downward amount falls within a predetermined range, whereas determining that the tension of said adhesive tape is improper when said downward amount falls outside said predetermined range.

2. The determining method according to claim 1,

wherein said downward amount is measured at a plurality of positions on said adhesive tape corresponding to said space in said downward amount measuring step; and

variations in the tension of said adhesive tape are evaluated according to the difference in said downward amount measured at said plurality of positions in said determining step.

3. The determining method according to claim 1, wherein said weight is a gauge head of a dial gauge.