



## HOW TO CALIBRATE A LENS CLOCK

Calibration of a lens clock is part of its regular maintenance. Duration of calibration depends on roughness of handling on a daily basis. Back pack and lab coat storage tend to shorten life of calibration.

### EQUIPMENT NECESSARY FOR CALIBRATION:

1. Flat blade screwdriver
2. Flat (not pebbly) metal surface (plano)
3. 1 lens clock

### Steps:

1. Remove black pin protective cover
2. Insert screwdriver at the top of the clock as at 12:00 & flip off the face plate
3. Using the fingers pull off the needle. The needle is positioned over a stem with 2 grooves. How stiff the needle is to remove depends on which groove the needle is set on. The needle will generally come off with a degree of ease. If the needle is stubborn, use a screwdriver gently to pry off. USE caution the needle tends to "fly" away.
4. Hold the clock in one hand & gently depress the pins at the top evenly against the metal surface. With the pins depressed, replace the needle with the other hand on the stem at the zero setting. After setting the needle, test the clock by pulling away & the pressing again against the metal surface. Many times it is necessary to make minor fine adjustments a couple more times.
5. When the needle has returned to zero 3 times, push the needle a little harder on the stem and test once again. If still at zero, the clock is calibrated.
6. Replace the face plate.

If the center pin of the clock is stuck or binds when depressed, the clock is beyond repair.

If repair is needed while a clock is under warranty, please send to our service department with proof of purchase date. Warranty is for 90 days. There is no warranty for "dropped clocks."

For repair out of warranty, please include a fax number and request an estimate.