141 Traction Street, Greenville, SC 29611
1.833.833.1994
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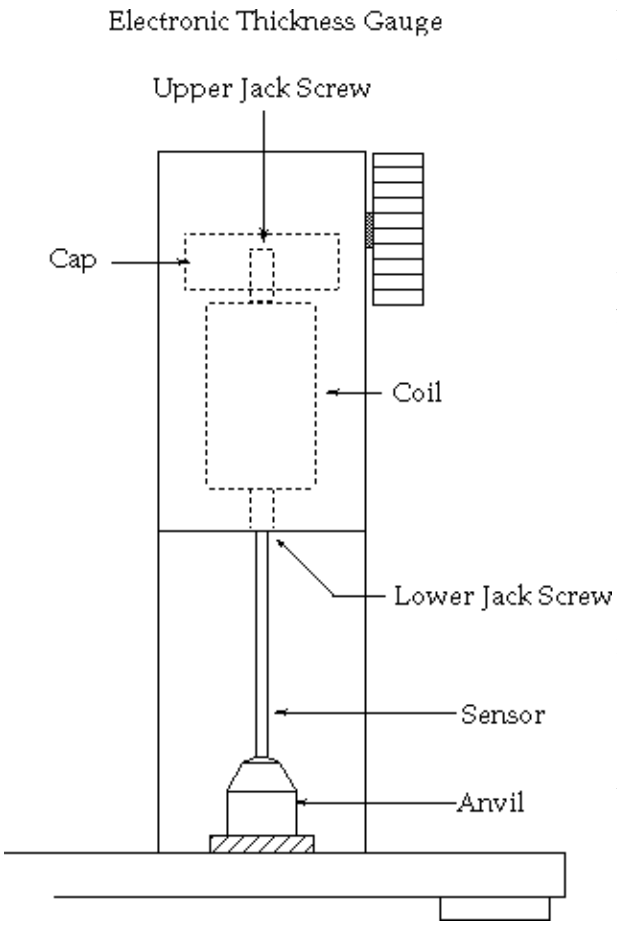
Sensor Coil Adjustment:

Please read this entire document prior to beginning the adjustment.

When the coil position is properly adjusted, the Zero Knob will provide a range of approximately plus and minus 15 microns on the display. The range will be constant but the amount of plus vs. minus will vary slightly with thermal expansion and contraction ofthe instrument.

The vertical position of the sensor coil is changed by adjusting two "jack" screws (See CAUTION below). One of these screws is located under the front of the frame, just in front of the sensor. (see drawing). The other screw is located in the round cap that holds the coil in place and is in line with the first screw. This cap islocated inside the cavity at the top of the frame.



CAUTION!

Great care must be taken to ensure that the force applied tothe coil from the adjusting screws is not significantly increased or decreased. If this occurs the calibration may change or the coil may be damaged. Provided the force is kept approximately the same as when you start, the coil can be moved up or down without changing the calibration. The vertical adjustment is made by loosening one of the screws a small amount and then tighteningthe other an equal amount. A very small amount of screw rotation is required to effect a significant change (1 degree = 2 microns).

If there is a conflict or problem, please call Createch Rehder Development Co at 1-833-833-1994 or email a.snow@createchrehder.com for further instructions.

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