

ESTABLISHED 1836

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MANUFACTURERS OF

BALANCES AND WEIGHTS OF PRECISION

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REPLYING TO YOUR LETTER OF

DIRECTIONS FOR ADJUSTING SPECIFIC GRAVITY

BALANCES NOS. 110 and 113

- 1 Chain should be hung so as to be free from twists
- 2 Level balance
- 3 Place rider at zero notch on beam and vernier at zero mark on column. Release. If balance is not in equilibrium adjust by means of adjusting screw at end of beam.
- 4 To check or, if necessary, to adjust chain - place rider in notch at right of the zero mark on beam, move vernier to .1000 mark. Release. If chain is in adjustment, pointer should indicate equilibrium.
- 5 If pointer swings further to the right than to the left, chain carrier screw should be screwed one or two revolutions toward the center knife edge. If pointer swings further to the left than right, chain carrier should be screwed away from center knife edge. Under no circumstances touch adjusting screw nut on beam.
- 6 Return rider to zero on beam and vernier to zero on column as in paragraph 3 and adjust with screw nut on beam for equilibrium.
- 7 Then proceed as in paragraph 4, 5 and 6. Repeat until the point is reached when chain is adjusted at the proper distance from the center knife edge indicating perfect adjustment. The chain will be correct not only at zero and .1000 but also at intermediate graduations.

For balance No. 113, move vernier to .5 mark on column.