

CALIBRATION INSTRUCTIONS

For models: FS-1000 only

BEFOUR

102 Progress Drive • Saukville, WI 53080
Ph: 262-284-5150 • Fx: 262-284-5966
mail@befour.com • www.befour.com

This procedure should only be performed to correct any error in calibration. If in doubt, please call the Befour service department at 1-800-367-7109.

You will need a phillips screwdriver and small flat screwdriver for this procedure.

1. Make sure the scale is plugged into a wall outlet and readout displays current date and time.
2. Place an accurately known “sure” weight on the scale platform. A “sure” weight is a weight that has been accurately calibrated and its license is traceable to NBS weights & measures. A minimum of 100 lbs. is required for calibration, while higher weights will yield better accuracy.

IMPORTANT NOTE: *Weight room free weights or Olympic weights are **not** normally suitable to use as check weights as they may vary from their stated value. Using several of these types of weights will compound the total weight error. If you do not have access to “sure weights,” use a weight that has been weighed on a scale **you are certain is accurate.***

3. If the display reads a weight other than the “sure” weight (more than +/- 0.1 lbs.), the scale is out of calibration. Continue with steps 4 - 6 to calibrate. If the error is more than 8 lbs., calibration may not be able to correct it. Please call Befour Service Department for further information.
4. Remove the 4 screws from the left side of the readout console. Remove black end cap from the left side of the console.
5. Looking at the edge of the circuit board near the center, you will see a small brass adjustment screw. Turn that screw in *small increments*. Turn **CLOCKWISE** to increase the weight or **COUNTER-CLOCKWISE** to decrease the weight.
6. Remove weight from platform and wait 10 seconds for the scale to auto-zero. Again add a “sure weight” to the platform. If the reading matches the “sure weight,” no further adjustment is necessary. If reading does not match weight, repeat steps 5 – 6 until a correct reading is obtained.
7. When finished calibrating, re-attach left end cap and tighten all screws.

NOTE: *Although the scale will permit a calibration weight as low as 100 pounds (45 kg.), for the most accurate operation, a known weight of at least 200 pounds (90 kg.) is recommended.*