



EMH500/550 Electronic Register

Compensated Calibration

- Remove the brass plugs on the register front panel.
- Press the RESET button to clear the display. EMH500 should print the VOL on the register when cleared.
- Press CAL button. EMH500 displays **KO CAL? N**.
- Press TOTAL once to change **N** to **Y**. Press START/STOP to save.
- Press MODE until the EMH500 displays **XXX.XXXX** (where XXX.XXXX is the current K factor). It is set to 015.0000 from the factory.
- Use the RESET button to change digit places and the TOTAL button to increment the digits. Set the K factor to 140.0000 for a Neptune meter or 800.0000 for an LC meter. Press START/STOP to save.
- Press CAL button to exit.
- Pump the product into a certified measuring container.
- Press the CAL button (**KO CAL? N** is displayed).
- Press the TOTAL button to change the display to read **KO CAL? Y**.
- Press the START/STOP button to save the change.
- Press the MODE button until **KO ACN? N** is displayed.
- Press the TOTAL button to change the display to read **KO ACN? Y**.
- Press the START/STOP button to save the change.
- XXXXX.X** is now displayed, which is the EMH500's actual volume. Modify the displayed volume to read the compensated volume you dispensed into the measuring container. Use the RESET button to move the cursor and the TOTAL button to change the value.
- When the modification is complete press START/STOP. You should now see the new (auto calibrated) K-factor on the display for a few seconds, then a message saying the data has been SAVED to the EMH500's memory.
- Press the CAL button.
- To confirm the calibration is correct. Run three to four deliveries. If the value is consistent and you have completed all software settings and printed a report, you may seal the register.
- If it is necessary to view the uncompensated value pumped, press the total button 2 times. The display will momentarily display the uncompensated volume pumped.