CHARGEMASTER DEFAULT SETTINGS

To Enter Program mode press EDIT MEM and ENTER at the same time.
Press ENTER to go to the next option. Keep pressing enter to exit programming mode. After the last setting the scale will reset.

These are the default settings (**IN BRACKETS**), for some of the functions I do not have detailed instructions as to what they do, and would recommend that you do not change them:

HSB_A1 (**15.68**) Grains under target weight from full to high speed
HSB_B1 (**3.42**) Grains under target weight to go from high to slow speed low weight
BSP_C1 (**1.08**) Grains under target weight to go from slow to final trickle speed low weight
MSP_A2 (**39.20**) Grains under target weight to go from full to high speed for medium weight
MSP_B2 (**8.55**) Grains under target weight to go from high to slow speed medium weight
MSP_C2 (**2.25**) Grains under target weight to go from slow to final trickle speed medium weight
SSP_A3 (**196.00**) Grains under target weight to go from full to high speed for heavy weight
SSP_B3 (**42.75**) Grains under target weight to go from high to slow speed heavy weight
SSP_C3 (**11.32**) Grains under target weight to go from slow to final trickle speed heavy weight
SEL (**065**) ???
F_A (**050**) Grains for a Heavy Charge
M_A (**035**) Grains for a Medium charge
S_A (**006**) Grains for a slow charge
W_F (**200**) Rotation for Full speed (200 Means 20gr)
W_M (**100**) Rotation for Medium speed (100 Means 10gr)
W_S (**036**) Rotation for slowest speed (036 means 3.6gr)
S_F (**012**) Scale sensitivity timeout time in m/s fast speed
S_M (**024**) Scale sensitivity timeout time in m/s medium speed
S_S (**128**) Scale sensitivity timeout time in m/s slow speed.
FR1 (**040**) ?
FS1 (**016**) ?

FR2 (**080**) ?
SR1 (**032**) ?
SS1 (**008**) ?
SR2 (**040**) ?
DEC (**000**) ?
AT (**000**) ?

"S_" parameters control the dwell time for measurements at the different speeds and a setting of "64" corresponds to 2 seconds (each unit being 1/32 second).   When you increase these values you will note a longer lag time in detecting the scale reading and adjusting the trickle speed. I assume that this will allow the scale measurement a longer time to settle when running at the slower speeds. A large setting for "S_F" parameters will cause overcharges.

Also something that helped.   I lifted the pan of the scale closer to the tube.   This decreased the time of travel since the powder exit's the tube and falls into the pan.   The scale can only measure material in the pan. This also seemed to decrease overthrows on the trickle speed.   To do this I used a piece of neoprene self-adhesive strip on the bottom of the pan.