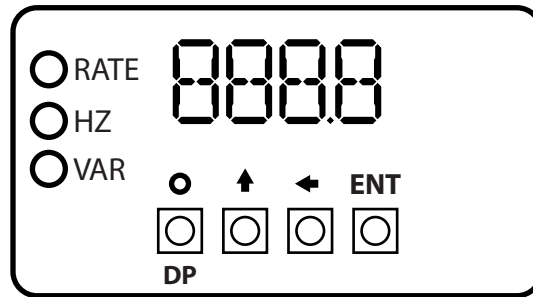# AP1000/MC2000
Changing the mode of operation

(Front cover removed)

The AP1000/MC2000 has four modes of operation the user can access. They are as follows:

1. OP 1 which is RATE: RPM, FPM, MPM, etc
2. OP 2 Time In Process (TIP) units, tenths of units, or hundreths of units
3. OP 3 Time In Process (TIP) Minutes.Seconds.
4. OP4 Ultra Low Rate Display

To reset the AP1000 to use "OP 1" or RATE mode:
Power down the unit.
Hold the center two buttons down. The center buttons are the ⬆ and ⬅ buttons.
Power up the unit while still holding the buttons down. After the AP1000 displays "RESE" release the center two buttons. It will display "OP 1". It is now in the RATE mode (factory default).

To reset the AP1000 to use "OP 2" or TIP mode which displays time in decimal user units:
Power down the unit.
Hold the left two buttons down. The left two buttons are the ⬤ and ⬆ buttons.
Power up the unit while still holding the buttons down. After the AP1000 displays "RESE" release the left two buttons. It will display "OP 2". The AP1000 is now in the OP 2 TIP mode.

To reset the AP1000 to use "OP 3" or TIP mode which displays Minutes.Seconds (MM.SS) or Hours.Minutes (HH.MM):
Power down the unit.
Hold the right two buttons down. The right two buttons are the **ENT** and ⬅ buttons.
Power up the unit while still holding the buttons down. After the AP1000 displays "RESE" release the right two buttons. It will display "OP 3". The AP1000 is now in the OP 3 TIP mode.

To reset the AP1000 to use "OP 4" or Ultra Low Rate mode:
Power down the unit.
Hold the outer two buttons down. The outer two buttons are the ⬤ and **ENT** buttons.
Power up the unit while still holding the buttons down. After the AP1000 displays "RESE" release the outer two buttons. It will display "OP 4". The AP1000 is now in the OP 4 Ultra Low Rate mode.
Note: When in OP4 mode, Var01 now represents mHz (millihertz, or 1/1000th of a hertz). Therefore a calculation of 0.0015762Hz would be entered as 1.576mHz