



SCR -100, 200, 300
~~350~~, 400

SWITCH 1 & 4 ON
 SWITCH 2 & 3 OFF

SCR- 500, 1000

SWITCH 1, 2, 4 ON
 SWITCH 3 OFF

TRIM ADJUSTMENTS

1) ACCELERATION/DECELERATION

This adjustment will allow adjustment of the acceleration and deceleration from .5 to 4 seconds. Turning this control CCW will increase the time or CW will decrease the time.

2) MAXIMUM SPEED ADJUSTMENTS

To adjust the maximum RPM of your motor, turn your MASTER SPEED POT fully clockwise (full speed) and use the trim pot labeled "MAX" to adjust motor RPM to desired maximum speed.

3) MINIMUM SPEED ADJUSTMENTS

To adjust the minimum RPM of your motor, turn your MASTER SPEED POT fully counter-clockwise (zero speed) and use the trim pot labeled "MIN" to adjust motor RPM to desired minimum speed.

4) TORQUE (current Limit)

The amount of torque, or current the K-TROL will deliver, can be adjusted using the trim pot labeled "Torque". This feature's main function is to protect both the motor and control from instantaneous and continuous overloads. The "Torque" trim pot is factory set so the control will deliver 1.3 times the motor's nameplate rated full load current. This adjustment should not be altered before consulting the factory.

TRIM ADJUSTMENTS (cont'd)

5) I. R. COMPENSATION:

Optimum load regulation may be obtained by utilizing the following procedure:

- A. Set the "I.R." trim pot as roughly 30% of travel. Run motor to normal running speed without load and observe RPM..
- B. Apply full load to the motor and adjust the trim pot labeled "I.R." until the motor RPM equals the RPM observed in Step #1.
- C. Unload the motor and again observe the motor RPM. If unloaded motor RPM does not match the RPM observed in Step #1, then repeat Step #2 until a more exact regulation can be seen.