

Quick-Start Procedure

Many applications can be quickly commissioned using the AC Tune Test to automatically configure the drive to the motor and load. For complete instructions, consult the *User's Guide*.

- 1 Install and wire the drive** according to the instructions in the *User's Guide*.
For keypad control of the motor, jumper "Run Enable" (TB1-22) with Logic Common (TB1-21).
For added safety, a normally closed push button should be connected between "No External Fault" (TB1-12) and Logic Common (TB1-11).
- 2 Get motor nameplate information.** The AC Tune Test will request these values:

 - motor current
 - motor frequency
 - motor voltage
 - motor speed
- 3 Apply power.** The drive may display a fault when powered up for the first time. To clear it, press the "STOP" key.
- 4 If using a pulse generator, enter the PG size** in "MOTOR PPR" (P604). Cycle the power afterwards.
- 5 Run the AC Tune Test.**
 From the Operator Menus,
 • Press the "Prog" key to access the parameter menus
 • Press the "Status/Menu" key until the Tune Parameter Menu heading is displayed
 • Press the up arrow key to display the parameters
 • Press the up/down arrow keys as necessary to select "AC TUNE" (P600)
 • Press the "Edit" key to edit the value
 • Press the down arrow key to change to E(nable)
 • Press the "Edit" key to accept the value and begin the test
 • Follow the prompts until the test is complete

To abort the test at any time (and turn the drive off), press the "Status/Menu" key
To continue with the test, press the "Edit" key
To skip a test, press the down arrow key
- 6 After the test is complete, verify** drive operation by running or jogging the motor. Transducerless drives may need to be rephased. Set up the remaining application parameters.



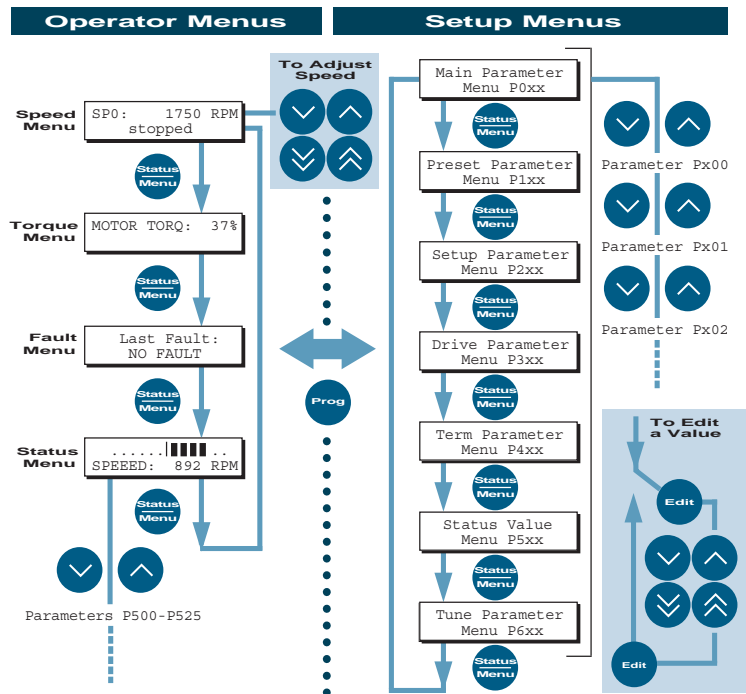
CAUTION
 Portions of the AC Tune Test drive the motor with torque commands. The motor must be able to move freely in both directions. Use extreme caution to avoid any possibility of injury or equipment damage.

1100/105

Flux Vector AC Drive Reference Sheet

Standard Version

Menu/Keypad Functions



Keypad Motor Control



UNICO, LLC.

Corporate Offices
 Voice: 262.886.5678
 Fax: 262.886.8396

Technical Support
 8 am to 5 pm CST: 262.884.1444
 After hours: 262.886.3050

Spares & Repairs 262.886.8365