

Autotune VFD

1. **Access the VFD Keypad:** Ensure you have access to the VFD's keypad or control interface.

2. **Enter Motor Parameters:**
 - **Motor Rated Power (P02.01):** Enter the motor's rated power in kW.
 - **Motor Rated Frequency (P02.02):** Set the motor's rated frequency.
 - **Motor Rated Speed (P02.03):** Input the motor's rated speed.
 - **Motor Rated Voltage (P02.04):** Enter the motor's rated voltage
 - **Motor Rated Current (P02.05):** Set the motor's rated current

3. **Select Autotune Mode (P00.15):**
 - **0:** No operation
 - **1:** Rotating autotuning (recommended for high control accuracy)
 - **2:** Static autotuning (when the motor cannot be decoupled from the load)

4. **Initiate Autotune:** Start the autotuning process through the keypad or control interface by selecting the appropriate mode and confirming the start of the autotune.

To confirm the start of the autotune process on a Unitronics VFD, follow these steps:

 - After setting the desired autotune mode, press the **"Enter"** button on the keypad to confirm your selection. (ensure that the run signal is set to come from the keypad rather than Modbus **P00.01**),
 - The VFD will display a message indicating that the autotune process has started.

5. **Monitor the Process:**
 - The VFD will run through the autotuning sequence, which may involve the motor running at various speeds and loads.
 - Once the autotuning is complete, the VFD will display a message indicating the process is finished.