

Inverter FR-D700 Auto Tuning Quick guide.

Auto Tuning of the inverter and the connected motor

The following parameters must be set for Auto Tuning

- P160: 0 => you can read all parameters (default:0)
- P77: 2 => you can write to all parameters (default:0)
- P9: enter the rated current of the motor (default: inverter current)
- P71: 3 => Default motor (default: 0)
- P80: motor power in kW (default: 9999 => V/F control)
- P83: motor rated voltage (Default: 200 for FR-D720S / 400 for FR-D740)
- P96: 11 => Auto tuning without driving)

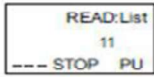
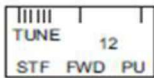
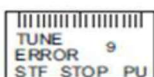
Press PU/EXT

Press mode 2 times

Mode and PU light up and "11" appears in the display.



FR-D720-025SC-EC

	Parameter Unit (FR-PU04/FR-PU07) Display	Operation Panel Indication
Pr. 96 setting	11	11
(1) Setting		
(2) Tuning in progress		
(3) Normal end		
(4) Error end (when inverter protective function operation is activated)		

Press RUN,

The display now reads "12" (inverter is doing Autotuning, sound from the engine)

After approx. 2 sec. the display shows "13" (Autotuning is completed)

Press STOP, then PU/EXT for standard display, or disconnect the power supply.