

INDI Dyno operate with most 12VDC power supply with at least 10A capacity. Always use a cooling fan for the unit and your motor



Connect Dyno to a 12VDC power source



Press start & the status LED should be on



Adjust the voltage output to 4.0



Insert the magnetic coupling



Tighten the coupling with a 1.5mm wrench



Use the 3 thumb screws to secure your motor



Observe polarity red to +, blk to -



OV stands for output voltage



Adjust voltage output to 4.0 again



OA stands for output current



This motor draws 9.1 Amps during test



This is the rpm screen (x100 units)



This motor is running at 14,800rpm



Con mode shows interference condition of your motor (lower usually is better)



This motor has 18.3 interference index, which is pretty low for this type of motor

This chart below shows common dyno values of various motors, we suggest testing motor at 4.0V to reduce brush and commutator wear; excessive brush arcing may occur at higher voltage level.

Motor Type	OV	OA	Rpm	Con
MATRIX V9.0 Stock	4.0	5.6	141	20.0
MATRIX V8.0 Green Stock	4.0	5.1	171	25.7
MATRIX V8.0 MOD 9 Triple	4.0	5.6	271	28.0
P.Two.k	4.0	5.8	140	16.8
Green.Three	4.0	6.8	167	27.4

Tuning tip: try to tune stock motor for the highest possible rpm with the lowest interference. Commutator cutting & slow break-in speed usually brings interference level even lower.