

Features & Specifications

1. Features

- Will locate the neutral position(1500ms) of any servo via the manual adjusting mode when switched to "MANUAL".
- Will operate up to 4 servos simultaneously for obtaining same servo speed matching 【Y CORD (ty1 #4061) REQUIRED】
- Will test and allow you to operate electronic speed controls for determining their quality and efficiency.
- Will allow you to determine the quality of any servo via the "AUTO" or "MANUAL" functions.
- Will automatically run servos for testing and breaking in purposes.
- LED indicators, Blue for Neutral, Red for clock wise rotation, Green for counter clock wise rotation.
- Constant on of an LED indicator, Blue=Neutral, Red or Green, indicates maximum rotation in specified direction.

2. Servo Testing Mode

Auto Mode: The servo will automatically move back and forth. By adjusting the knob you can adjust the servo speed from fast to slow. Please note at the slow speed setting, if the servo stops or hesitates at the slow speed settings there may be an internal gear or electronic circuit problem with your servo. If this happens, it is highly recommended that you replace the servo after finding any such problems thru thorough testing.

3. Specifications:

- 1.Servo testing requires an external power source : DC 4.8 to 15 Volts maximum. Do not exceed 15 volts.
- 2.Electronic Speed Controls with BEC do not require an external power source other than the motor battery.
- 3.Pulse width: Clock wise 1.5ms~2ms, Counter Clock wise 1ms~1.5ms, Neutral 1.5ms.
- 4.Output: Will operate 4 servos simultaneously. (Good for breaking in servos & servo speed matching)
- 5.Dimensions 44.6 mm x 23 mm x 29.8 mm, Weight 20.6g with wire.

Operating Instructions

1. Servo testing & locating neutral position of servos.

Plug battery pack into external power supply plug and servo into output plug as noted on diagram below.
Set switch to **Manual** position (mode) (an adjusting function of the servo tester)
Locate neutral position of servo by rotating the knob back and forth till the blue neutral LED indicator comes on.
Servo testing mode: (Determines quality of servos.)

Set Switch to **Auto** position (mode.) Use this mode to determine the quality and condition of your servos.

Refer to section (2) above : Features & Specifications > **Servo Testing Mode**

2. ESC, Electronic Speed Control Testing (Manual Mode) :

Connect an ESC (brushless and /or brushed) to the tester by plugging in the BEC connector to the output plug on the tester. Make sure the switch on the servo tester is set to the **manual position** before you plug the **ESC** into the output plug. Make sure the knob on the servo tester is set to the full counter clock wise position before plugging in the motor battery pack.

3. ESC, Electronic Speed Control Testing (Auto Mode) :

CAUTION Although this tester provides an ESC Auto Mode Speed Control Testing function, we strongly recommend that you do not use this mode for testing Electronic Speed Controls in order to avoid any possible injury due to sudden running of the motor when switch to Auto Mode. Note: * Always make sure tester is in manual mode before using.*

4. LED Servo Tester Indicators

Out-put Position	LED Status	Pulse Width	LED Constant On
Neutral	Blue Constant	1.5 ms	Neutral
Clock Wise	Red Blinking	1.5~2.0 ms	Max Speed End
Counter Clock Wise	Green Blinking	1~1.5 ms	Max Speed End

It is highly recommended that you test your servos periodically for quality assurance.

