

CCPM Servo Tester

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CCPM Servo Tester Pinout

CCPM Servo Consistency Master/Servo Tester is a device that can be effectively used to test up to three servo motors at the same time. It is a useful tool to test Servo motors, ESC, and can be used to determine the motor directions.

For ESC (Electrical Speed Controller), the device can produce a signal without the transmitter and receiver. It works with 4.8V to 6.0V input voltage and could produce a $1.5\text{ms} \pm 0.5\text{ms}$ output signal.

Servo Tester Pins Configuration

Pin Name	Description
OUT - S	The three-pin column in 3x3 berg is used for three Servo signal out
OUT - +	The middle three-pin column in 3x3 berg is used for three Servo signal Power line
OUT - -	The three-pin column in 3x3 berg is used for three Servo signal GND
IN - S	Servo Signal Input
IN - +	Servo Power Input
IN - -	Servo GND Input

The pinout can be easily seen in the image below-



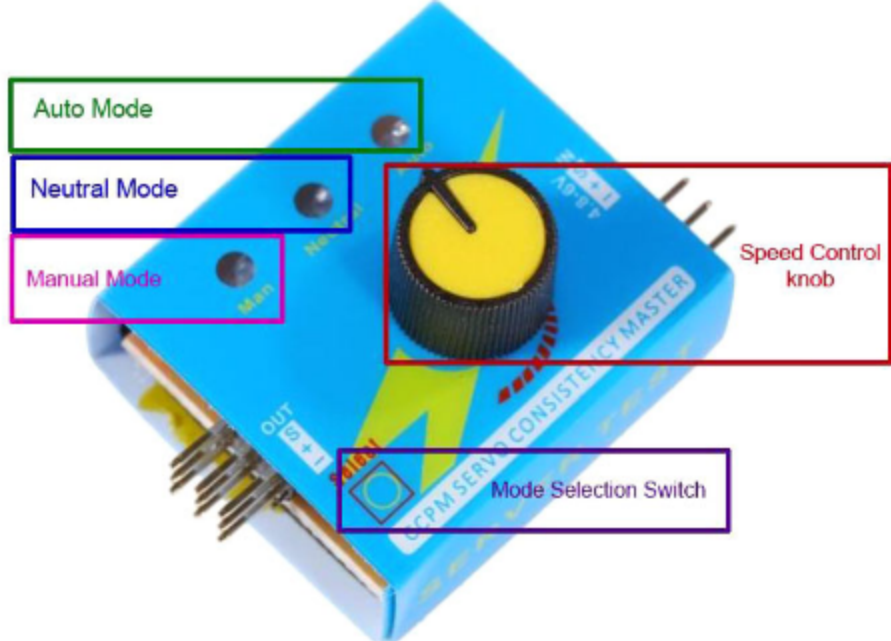
Features of CCPM Servo Tester

- Supply voltage: 4.8V-6.0V
- Output Signal: 1.5ms±0.5ms
- Three mode selection [Manual, Neutral and Auto]
- Enclosure Box
- Mode selection LED Indicator
- Adjustable Knob for manual speed control
- Operating Temperature Range: -40~+85°C
- Dimensions: (46*32*17mm) L×W×H

Alternative product of CCPM Based Servo Tester

Replacement of this CCPM based Servo Tester-

1. EK2-0907 Servo Tester
2. STV35 Servo Tester



The **Servo Tester** works with 4.8V-6.0V input voltage and could control up to three servo motors. However, the control mode of the servo can be selected using a selection button. The servo tester has three modes of operations, Automatic, Manual, and Neutral or Center mode.

In automatic mode, the servos operate in such a way that the servo motors swing like window wipers in the biggest angle.

In Manual mode, the servos react as per the rotation of the speed knob. It is useful to check the reaction time of the servo motors.

In Neutral or Center mode, the servos are centered in a neutral position for servo setup in a model.

It has an LED indicator that is useful for the user to determine what mode is currently running in the servo tester.

How to Use the CCPM Servo Consistency Master/Servo Tester



The connections for the servo tester to the servo motors is easy. The servos can be connected directly on the output port and the power supply or battery can be connected across the input.

Applications of CCPM Servo Consistency Master/Servo Tester

- ESC Testing.
- Servo operations before and after installations in the model.
- Servo fault determination

2D Model

The dimensions of the CCPM Servo Tester-

