

Series 1780 Dynamometer V2

How to choose my configuration?

This document helps you to determine which configuration to choose for your purchase of the Series 1780 dynamometer.

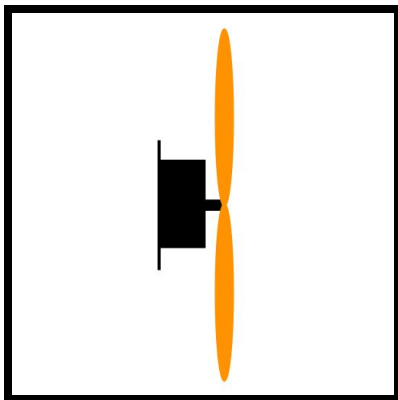
Please first estimate the maximum thrust and maximum continuous current that you may need to test with the Series 1780. Currently, the Series 1780 offers two specifications on thrust - current: [25kgf-100A] and [40kgf-150A].

Please then choose from one of the three configurations that the Series 1780 Dynamometer offers, according to the setups that you may need to test. There are two configurations of the Series 1780 can support more than one setup.

Series 1780 Dynamometer: Single-motor

SKU: 25kgf-100A (#KHYER) / 40kgf-150A (#KTBKA)

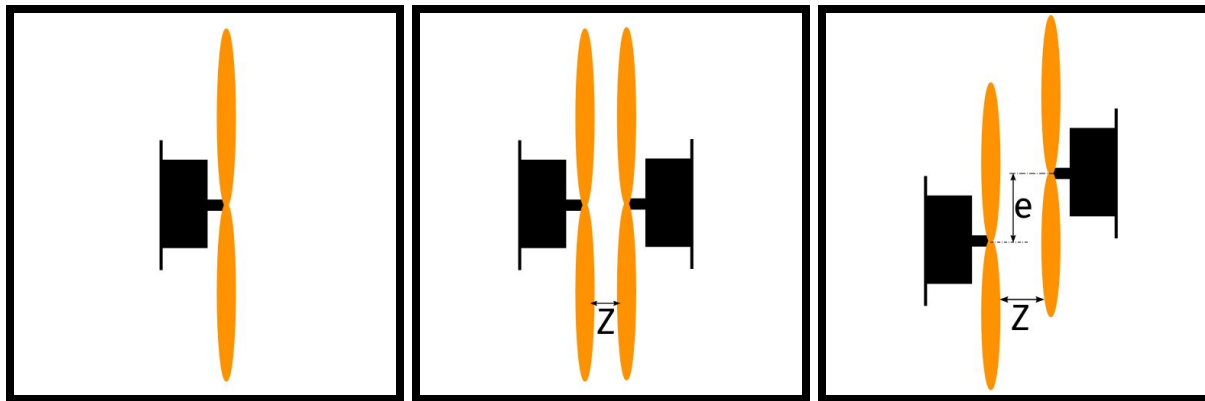
- For characterizing one brushless motor
- Voltage, current, thrust, torque and RPM measurement
- Upgradable to any coaxial version (purchase necessary)
- Support the following setup: single-motor



Series 1780 Dynamometer: Basic coaxial

SKU: 25kgf-100A (#KYQXD) / 40kgf-150A (#KDAPQ)

- For characterizing one and two brushless motors
- Voltage, current, thrust, torque and RPM measurements for each motor
- Adjustable axial and radial distance (with railing system)
- Simultaneous control on both motors
- Individual and global data for the propulsion system
- Support the following setups: single-motor, coaxial face-to-face, motors offset overlapping



Series 1780 Dynamometer: Ultimate coaxial

SKU: 25kgf-100A (#KCHQB) / 40kgf-150A (#KDRHP)

- For characterizing two brushless motors
- Voltage, current, thrust, torque and RPM measurements for each motor
- Minimum axial distance for a back-to-back setup: 100mm
- Adjustable axial and radial distance (with railing system)
- Simultaneous control on both motors
- Individual and global data for the propulsion system
- Support the following setups: single-motor, coaxial back-to-back, coaxial face-to-face, motors offset overlapping

