

Safety Guidelines

Please read the full manual before using the tool. This is a short reminder of the most important safety instructions.

1. Never work alone.
2. Always test in an enclosure designed to safely withstand a propeller catastrophic failure.
3. Know the limit of the motor, the ESC, the propeller, and the tool, never overload them.
4. Tighten the fasteners with the rated torque.
5. Do not substitute parts or modify the instrument.
6. Keep the test area clean, propellers can create suction and damage equipment or hurt people.
7. Use the properly rated wires.
8. Stay away from the flight stand when a test starts.
9. Electrically cut off the power when approaching the stand for any reason.
10. Stop the test immediately when you observe severe vibration.
11. If unsure, contact our technical support.
12. To view our installation guide, scan this QR code:



Item checklist

What will I find inside the main box?

- Force Measurement Unit - FMU
- Electrical Measurement Unit - EMU
- Stand - upper L brackets (x2)
- Stand - lower L brackets (x2)
- Stand - round tube
- Motor Mounting Plate
- Auxiliary Components Box

Where will I find the sync hub?

- The sync hub is shipped in a separate box. You need 1 sync hub per four measurement units. A typical coaxial test requires four measurement units: two FMU and two EMU.
- To use the sync hub, simply plug the M8 cables supplied in each measurement unit from the mainbox(es), and then connect the sync hub to your PC with the given USB cable, and lastly power it up with the **9 V** power adapter.

What is included in the Auxiliary Components Box?

- [SKU: AVRG] Optical RPM probe bag
- [SKU: TNVC] Optical RPM probe fasteners bag
- [SKU: PTKR] Stand fasteners bag - fasteners to assemble the stand
- [SKU: YTGL] FMU Stand fastener bag - fasteners to install the Force Measurement Unit on the stand
- [SKU: JIJL] Motor mounting fastener bag - fasteners and standoffs to install the motor mounting plate on the Force Measurement Unit
- [SKU: WKVQ] PT-100 temperature sensor bag
- [SKU: AEKV] Hand tool bag

Where can I find more information?

- Please visit our website to view the most up to date instructions, or visit our YouTube channel.