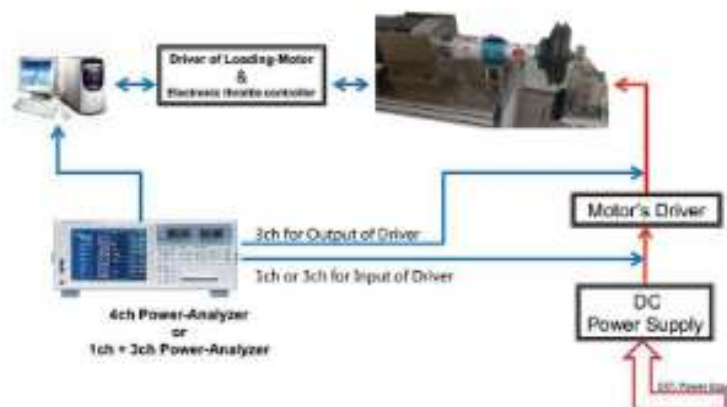


Hub Motor Test System



Hardware:

- **Load Part:**
 - Take a Servomotor or a Encoder Brake
 - Power Feedback module (optional)
- **Measurement Part:**
 - Torque Meter
Kollm brand or Magtrol brand
 - Power Analyser
Wipac brand W7 series
Haco brand PN series
 - Low-Resistance meter: Haco brand RM1540-03
 - Computer: Advantech Industrial Computer

Test items:

- Simultaneously measuring each phase V, A, and I, W of input and output of the driver
- Torque, Speed, Motor-Efficiency, Drive-Efficiency, Total-Efficiency, Motor-housing Temperature (Optional), Motor-coil Temperature (Optional), Ld & Lq (Optional), Back EMF (Optional) ... and so on.

Software functions:

- Providing the simulated electronics profile control voltage for the DUT
- Motor-File management: Add, Edit, Delete, Quick search, Copy, and other functions.
- Data-File management: Add, Edit, Delete, Quick search, Copy, Print, and other functions.
- T-N Characteristic-Curve test & Power-Point test & Manual test & Road simulation & Life test.
- Data-File can be exported to Excel format.
- Test data can be displayed in 0 independent curves.
- Characteristic-Curve can be used for comparison.
 - o curves of characteristics can be drawn on the same screen.