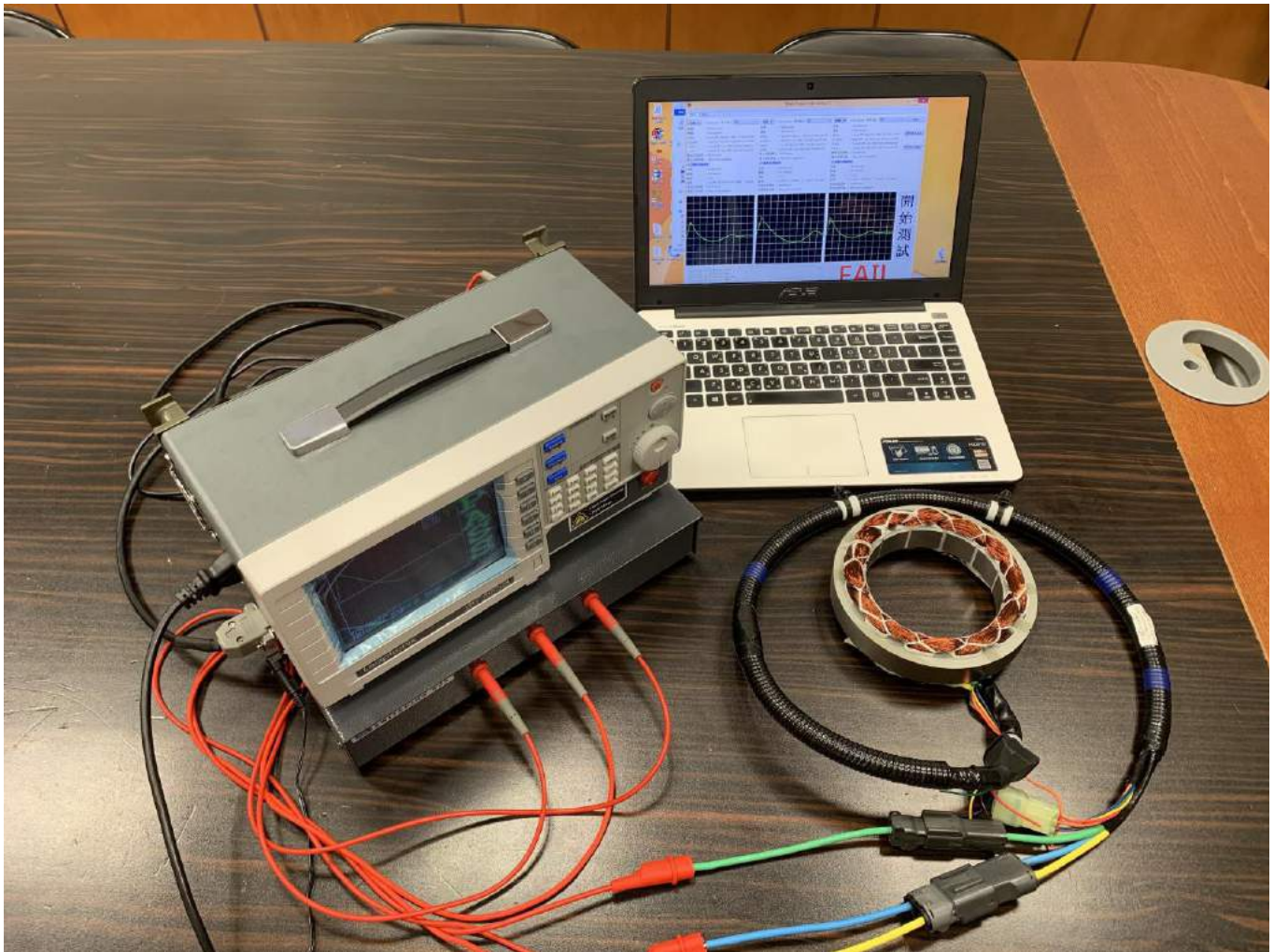


AIWT-5000A3

Automated Impulse Winding Test System

The AIWT-5000A3 is an intelligent system designed for the automatic test of the inter-layer or short-circuit of the winding components. It provides effectively and reliably test the the production line of the three-phase motor. It is possible to detect in advance that the power core of the electric vehicle may fail in the future and ensure the best state of the power core.

The AIWT-5000A3 combined with IWT-5000A and LPSB-1003 which is a high-voltage switch box with the AIWT-1 intelligent software. It can also be combined with LCR meter, Hi port tester, etc. to form a multiplexed motor test system. It is the best test and production equipment for the 3-phase motor.



IWT-5000A Specification

Testing Voltage: 200V ~5000V(100V Steps)

Output Energy: 0.25J (Max)

Inductance Range Of Test Coil: 10 μ H and above

Sampling Rate: 8 bit /10ns (100MHz)

Sampling Memory Depth: 5000 Byte

Input Resistance: 10M Ω

Display Measure: 5.6 inch Colored LCD (320 x 234)

Comparison Measures: AreaSize Comparison, DiffZone Comparison, Corona Amount Comparison,
Corona Number Comparison

Storage Waveforms: 360 Sets of waveforms

Comparison Output: Pass/Fail, beeping

Communication: 1. USB 2.0 2. RS-232 3. I/O

LPSB-1003

The 3 Channels Matrix Scanner

- U,V,W 3 channels high voltage auto switch.

- Test Voltage: 200V~ 5000V
- Dimension: 314 x 66 x 226mm

AIWT-1

The Intelligent Software for System Integration

- Special design for the 3-phase motor.
- Provide the multiple parameters settings for the coils.
- The test and record test data and waveforms automatically.
- The system operation is simple and convenient to use.