Motor Rotor Testing System

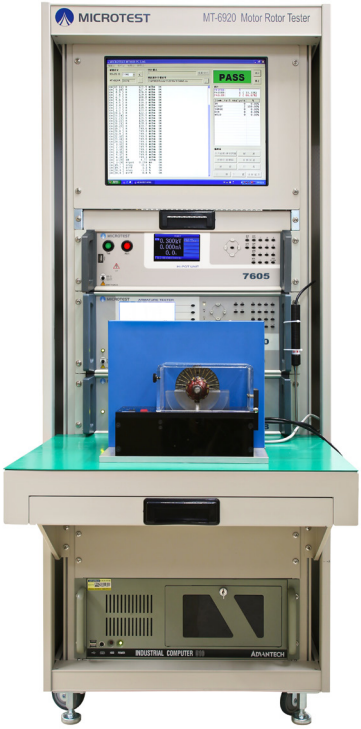
6920 + 7605 + 6908

Feature

- One stop motor coil measurement solution, measuring items included inductance, AC/DC hipot, impulse winding, DCR (temperature compensation) and welding resistance
- 4-wire DCR measurement
- The 6920 impulse winding tester is the host instrument, all settings can be completed on the host
- Storage file up to 100 sets
- Arcing detection function
- The impulse winding tester with waveform comparison is a non-destructive analysis
- PC connection data analysis software is available

Application

Motor, various stator and rotor coils



Accessories / Fixtures

Standard

- Power Cord
- User Manual (CD)
- Temperature Test Probe
- HV Test Cable
- Foot Switch
- Banana Plug Cable
- RS-232 Cable

- Optional
- PC link software
- Customized Fixture
- Customized rackmount

Specification

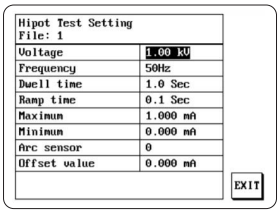
Model Name	6920	
Dcr Range (With Temperature Compensation)	0.1mΩ-100kΩ	
Welding resistance	0.01mΩ -1Ω	
DCR Accuracy	Low Resistance: 0.1mΩ-1Ω ±(0.2%±1mΩ) High Resistance: 1Ω-100KΩ ±0.1%	
Measuring Mode	4-wire	
Channel	24/48	
Hipot	AC Output Voltage	100V-3000V
	DC Output Voltage	100V-3000V
	IR Output Voltage	100V-1000Vdc
	AC Leakage Current	0.001mA-10mA
	DC Leakage Current	0.001mA-5mA
	IR Lower Threshold	1-9999MΩ
	Arcing Detection	Detect gears from 0-9
	Measuring Time	0.1-99.9s Continuously adjustable
	Measuring Time Accuracy	±(3% of setting+5V)
Impulse Winding	Impulse Voltage (programmable)	200V-3000V
	Impulse Voltage Accuracy	±2%
	Test Items	Total area comparison, differential area comparison, wave comparison, futter and coron

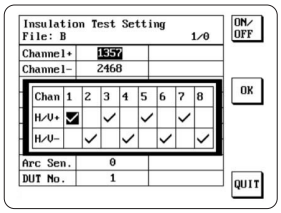
General

Test Point	Depends on the Number of Slots that Matches with the Customer Products (Fixtures)
Indicator	Pass/Fail Screen Diaplay/Sound
Power Supply	Voltage 90-132Vac or 198-264Vac
	RS-232
Interface	Storage of 100 rewritable data sets
Operation	Manual, RS-232
Environment	Temperature: 10℃-40℃, Humidity: 20-90%RH
Display	4.3" TFT, color screen (800*272) (7605) 320*240, 5.7" dot-matrix (6920)
Dimension (W*H*D)	435x145x522mm (7605) 435x190x522mm (6920) 435x145x522mm (6908)
Weight	14kg (7605), 15kg (6920), 7kg (6908)

Key Features

A Hipot Test Setting





B Impulse Winding Setting