

WK3210B / WK3210C

Innovative Programmable Hi-Pot Tester

Features

- 3 in 1 tester with AC, DC, IR functions
- Meet UL, CSA, TÜV, VDE, CE,... safety test requirements
- ARC Detection standard function
- 240x64 Dot Graphic LCM, CFL back light display
- Fast cut-off time : 0.4ms
- Each Memory offers 9 steps of different Test Parameters
- 100 sets of memory
- 2 Ports phase for WK3210B/ 8 Ports phase for WK3210C



WK3210B

Specifications

Model Name	WK3210B	WK3210C
Scan Test	2 Ports phase	8 Ports phase
Withstanding Voltage Test	AC/DC/IR	
Output Voltage	AC: 0 ~ 5,000V / DC: 0 ~ 6,000V. Digital setting (4 digits), 10V/ step, adjustable with < / > keys	
Voltage Regulation	≤1% + 5V	
Waveform&Frequency	Sine Wave 50Hz / 60Hz selectable	
Voltmeter Accuracy	4 digits, ± 1 % of reading +5 digits	
Output Current	AC : 0.001mA ~ 15.00mA, DC: 0.001mA ~ 7.5mA	
Current Meter Accuracy	4 digits, ± (1.5% of reading + 5 digits)	
Arc Detection	0.5mA ~ 15mA (DC 0.5 mA ~ 7.5 mA)	
Function	0.01mA / Steps. (0.0 mA is OFF)	
Test Time	0.5 ~ 999.9 Sec (±20 mS), 0.1sec / Steps. (0.0 sec is OFF)	
Ramp up Time	0.1 ~ 999.9 Sec (±20 mS), 0.1sec / Steps. (0.0 sec is OFF)	
PASS/FAIL	Windows comparator system	
Judgement	HI-limit: 0.10 ~ 15.00mA, Digital setting (4 digits), 0.001mA / Steps LO-limit: 0.05 ~ 7.50mA, Digital setting (4 digits), 0.001mA / (0.5 ~ 7.50mA), 0.01mA Steps Arc Detection: 0.5mA ~ 15mA / Steps(LO-limit & Arc Detection setting 0.0mA is OFF)	
Judgement	Accuracy ± (1% of setting + 50µA)	
Insulation Resistance Test		
Measuring Voltage	DC: 100 ~ 1,000V, Digital setting, 10V/steps	
Voltmeter Accuracy	4 digits, ± 1 % of reading +5 digits	
Measuring Range	1 ~ 9,999 MΩ	
Measuring Accuracy	≥500V: 1~1000MΩ, 5% of reading ≥500V: 1001~9999MΩ, 15% of reading <500V: 1~200MΩ, 10% of reading <500V: 201~9999MΩ, 15% of reading	
Judgement	0.1 ~ 999.9 Sec (20 mS),	
Waiting time	0.1sec / Steps. (0.0 sec is OFF)	
PASS/FAIL	Windows comparator system.	
Judgement	Both HI and LO limit values can be set with the measuring range. Note: When the lower limit value is greater than 2000 MΩ, a judgement waiting time of 1.0 second or more is necessary.	
Judgement Accuracy	Same as measuring accuracy	
Test Time	0.5 to 999.9 sec.(20ms), 0.1sec/Steps.(0.0 sec is OFF)	



WK3210C

General

Model Name	WK3210B	WK3210C
Test Modes		
Auto Test	Up to 9 test steps with different test parameters	
Single Test	Execution withstanding voltage test or insulation resistance test.	
Auto Scanning	Linked with Scan Box, it performs Test auto test for objects having two or more points.	
Output Power Source Protection Function		
Fast Output Cut off	< 0.4ms	
Panel Operation Lock	YES	
Power On Data Rally	YES	
Reset Protection Key	YES	
Other Function		
Display	240x64 Dot Graphic LCM, CFL back light display	
Signal Output	PASS, FAIL, and TEST with relay contact signal	
Data Hold	YES	
Judgement Result Display	PASS/ FAIL and Alarm	
Memory Storage	01 to 99, 99 sets of memory, each set of memory includes 9 steps	
Remote Control	9 Pins D-type connector, TEST/RESET/RMT_ENABLE	
Interlock Function	The test voltage cannot be generated unless the interlock input terminal is short-circuited	
Ambient Temperature and Relative Humidity		
Specifications range	5 to 35°C (41 to 95°F), 20 to 80%RH	
Operable range	0 to 40°C (32 to 104°F), 20 to 80%RH	
Storage range	-20 to 70°C (4 to 158°F), 80%RH	
Power Requirement		
Line Voltage	A: 90 ~ 110V B: 104 ~ 125V C: 194 ~ 236V D: 207 ~ 250V	
Frequency	50 or 60 Hz	
Power	When no-load: < 70 VA,	
Consumpt	When with Rated Load: > 300 VA	
Insulation Resistance	30MΩ, with 500V DC	
Withstanding Voltage	1,000 VAC, for 1 minute	
Dimension	365(W) x 105(H) x 350(D) mm,	365(W) x 165(H) x 350(D) mm
Weight	10kg	15kg
Accessories	Operation Manual, Power cord, 3P-2P AC adapter plug, High test lead wire / 1 meter long, 2A Fuse / fast blow (in fuse holder), Certificate of calibration	