



Brochure

EMI Test System

(EMI -9KA/EMI -9KB)

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[Lead in CFL & LED Test Instruments](#)

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EMI Test System (EMI-9KA/EMI-9KB)

Content Table

Name	Model	Characteristic
EMI Test System (EMI-9KA)	EMI Receiver	Frequency= 9KHZ-30MHz ; Used for electronic ballast, CFL & LED lighting industry and others electronic industry. More than 1,000 units sold in illumination industry, energy meter and small household appliance industry, most of famous company have used this test instrument, such as Philips, Panasonic, GE Lighting and etc.
	Artificial Network Power	Equipped with artificial network can test disturbance voltage of mains terminal.
	Attenuator	20dB Attenuate, it is an auxiliary accessory to help test
	Isolation Transformer	2pcs of 500W isolation transformer and 1pc of 1000W isolation transformer
EMI Test System (EMI-9KB)	EMI Receiver	Testing frequency= 9KHZ-300MHZ and this system is used to test Conductive Emission according to newly CISPR 15/CISPR-16. The instrument complies with newly European and USA standard, test result reliable and accurate.
	Artificial Network Power	Equipped with artificial network can test disturbance voltage of mains terminal.
	Attenuator	20dB Attenuate ,it is an auxiliary accessory to help test
	Coupling Decoupling Network	EMI receiver equipped with coupling /decoupling network is equivalent to test radiated electromagnetic disturbance of electric lighting appliance with frequency from 30M-300mHz
	Isolation Transformer	2pcs of 500W isolation transformer and 1pc of 1000W isolation transformer

The EMI-9KA/B systems both have three Isolated power supplies. **The Artificial Network Power and Coupling Decoupling Network must work with the Isolated power supply.**

EMI-9KB is an automatic EMI receiver. It is a main test system for EMI (Electro Magnetic Interference) testing. The EMI-9KB is produced by the full closure structure and strong electro-conductibility material, which make sure high shielding effect. Due to the new technology for the EMI Test System, it solved the instrument self-EMI problem. The test results are according to the international format test report. The EMI Test System EMI-9KB fully meets CISPR16-1, GB17743, FCC, EN55015 and EN55022



- Detection frequency range: **EMI-9KB is 9kHz~300MHz and EMI-9KA is 9kHz~30MHz**
- Frequency stability: 1×10^{-6}
- Frequency resolution: (9kHz~150kHz) 30Hz; (150kHz~30MHz) 1kHz; (30MHz~300MHz) 5kHz
- Test Tolerance: ± 2 dB
- Measure and Detection method: PK, QP and AV range from 20dB μ V to 140dB μ V
- Test time: setting by customers
- Frequency scanning step length: 20Hz~2M
- Sweep bandwidth: 200Hz; 9kHz; 120kHz

The Next Pages are the Test Report for EMI-9KA/B:

