

IMPULSE NOISE SIMULATOR

MODEL INS-AX2-220/250/420/450

New

The INS-AX2 series simulators are the advanced version of our conventional INS simulators, and more convenient and user-friendly than former models, thanks to the following features.

- ▶ Remote Control via Personal Computer for automated testing
- ▶ Push button setting for all parameters
- ▶ Automated Sweep and Program modes for Pulse Width, Coupling Mode, Output Voltage, Pulse Repetition Frequency
- ▶ Terminal block Outlet panel
- ▶ Pre-Installed 8 Pulse Widths
- ▶ A single package solution offering a generator and mains injection unit
- ▶ Compact and light weight



● Specifications

Parameters		INS-AX2-220/250	INS-AX2-420/450
Output voltage		0.01~2.00kV±10% with 50Ω Load (±0.04kV for <0.1kV), 10V step	0.01~4.00kV±10% with 50Ω Load (±0.04kV for <0.1kV), 10V step
Polarity		Positive or Negative	
Square wave	Pulse width	10/50/100/200/400/500/800ns, and 1μs±10% (±3ns for 10ns)	
	Rise time	<1ns	
	Output impedance	50Ω system (53.5Ω)	
Pulse repetition mode	Variable	10ms ~ 999ms±10%, 1ms step	16ms ~ 999ms±10%, 1ms step
	Line phase	50 or 60Hz, Injection phase angle 0~360°±10°, 1° step	
	Manual	Single pulse injection to the angle which is specified by Line phase setting on the power line, or Single shot without injecting power line.	
External Interface		RS-232C (Optical link)	
Operating Mode		Manual/Sweep/Remote mode	
EUT Power Capacity		Single AC240V/DC65V, 20A (-220) Three AC500V/DC250V, 50A (-250)	Single AC240V/DC65V, 20A (-420) Three AC500V/DC250V, 50A (-450)
Operating Power		100 ~ 240 VAC 50/60 Hz	
Operating temperature and humidity		15 ~ 35°C, 25 ~ 75% (No dewing shall occur.)	
Dimensions		W430 x H350 x D470mm	
Weight		Approx. 30kg (-220, -420) Approx. 40kg (-250, -450)	

- ▶ Optional Accessories
 - AT-810: Attenuator for waveform observation
 - CA-803A: Coupling Adapter
 - CA-805B: Coupling Adapter
 - 15-00007A: Coupling Adapter CA-806 ...etc.

● Designs and specifications are subject to change without notice.