

FAST TRANSIENT NOISE SIMULATOR

MODEL **FNS-AXII A16/B50** <Computer controlled> *Conforming to IEC61000-4-4*

FNS-AXII series EFT/B simulators generate the fast repetitive spikes called for in IEC61000-4-4 standard.

The products feature a 5-inch display, ten-button keypad, memory card interface and 3 additional output modes. Two operation modes are provided: Manual and Program modes. The parameters for the IEC test levels are preset in Manual mode for instant use. In program mode, the simulators run programmed test the operator made on the built-in sequencer.



FNS-AXII A16

Features

- A new level of ease of use and safety with the new well-configured user-interface consisting of a 5-inch LCD, ten-key, functions keys, memory card and others.
- Meets the requirements in the proposed revision to IEC61000-4-4 as well as the present requirements.
- Three new unprecedented original capabilities which are extremely useful in the reproduction of troublesome field failures: Continuous, Frequency Modulation, and Polarity Reversal modes.
- Unique tall design.

- **Pulse generation method:** Solid-state switch
- **Output voltage:** 200~4500V $\pm 10\%$
- **Pulse frequency:** 0.11kHz~1000kHz $\pm 5\%$
- **Pulse parameters (at 50 Ω load):**
 - Rise time 5ns $\pm 30\%$, Pulse width 50ns $\pm 30\%$
- **Burst duration:**
 - Number of pulses within a burst: 1 to 1000 or continuous
- **Burst period:**
 - 10~1000ms $\pm 10\%$, 10ms step
- **Internal CDN:**
 - A16: 85~250V AC 16A, 3-wire single phase 75V DC/16A
 - B50: 85~500V AC 50A, 5-wire three-phase 125V DC/50A
- **Dimensions:**
 - (W)332 x (D)443 x (H)420 mm
- **Weight:**
 - A16: Approx. 15kgs
 - B50: Approx. 20kgs