

GENERATOR SYNCHRONIZING SIMULATOR

MODEL: SAH02



FEATURES

- Simulator based training approach
- Scalable
- Easy and versatile operation
- Fault finding and trouble-shooting facility

DESCRIPTION

Generator synchronization simulator is an invaluable tool in practicing synchronization of two generators and understanding implications of the errors. The system consists of an instructor's console and number of student console. Instructor console has a facility to induce faults in student console. These faults can be different for each student console.

Instructor console is a dedicated computer terminal. Student console is a table top unit consisting of two Generator panels and one Synchronizing panel. SAH02 is a lab based simulator with a minimum space requirement, free of noise and air pollution and almost zero operating cost.

INSTRUCTION MANUAL

Self explanatory operating manuals are provided with the system. Practical exercises are also included in the manual.

COMPONENTS

- Instructor's console
- Students' console
 - Generator panels, 2 nos.
 - Synchronizing panel, 1 no.
 - Synchroscope
 - V-meter
 - A-meter
 - KVA meter
 - Frequency meter
 - MCB
 - Annunciator
 - Lamps and switches
- Interface module

SERVICES REQUIRED

1. Electric supply 230 V AC, 50 Hz

MODELS

- SAH02-4: One instructor's console + Four student console
- SAH02-8: One instructor's console + Eight student console
- SAH02-12: One instructor's console + Twelve student console

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