



Science Lab

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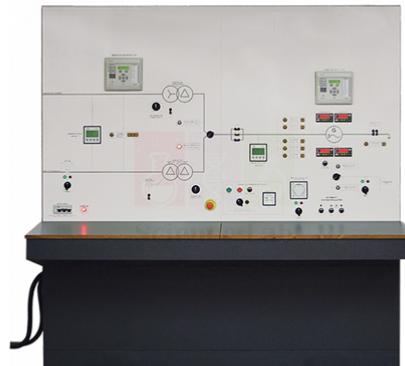
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Product Name :

Power System Simulator Generator

Product Code :

SLE/EPS/04



Description :

- The motor and generator set consists of two coupled machines mounted in the base of the control console.
- Manual or different types of automatic excitation control the output of the generator.
- A vector drive controls the speed of the motor.
- Students can set the relays from their control panels.
- The circuit-breakers also include hand-operated switches, and lamps.
- The lamps show whether the circuit-breaker is open or closed.
- Digital meters show the conditions of the prime mover and generator.
- The relays operate the circuit-breakers around the second generator.
- The relays show students how actual generators are protected and the different ways that they are protected.
- The relays also include sockets to link them to a suitable computer for more detailed programming, if needed.
- The Second Generator links to the Power System Trainer at the higher voltage (transmission) level to simulate central generation, for example main power stations.

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