Email : sales@scilabexport.com
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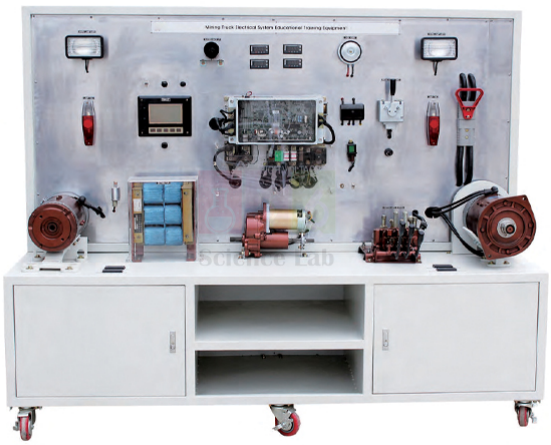
Product Name :

Electric Forklift Electric Circuit Training Simulator

Product Code :

SLE/ATE/23



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Description :

The Electric Forklift Electric Circuit Training Simulator is a training panel built fromthe electrical circuit device of a left-seat type electric forklift. It opens out the battery, levers, relays, instrument panel and motors that stay hidden on a working truck. Trainees measure the voltage and current of the driven rotor and the hydraulic rotor while the circuit operates, and record the input and output data at each component.

Electric forklift circuit simulator specifications

Parameter	Detail
Basis	Electrical circuit device of a left-seat type electric forklift
Composition	Battery, operating lever, light system, horn, hydraulic lever,instrument panel, starter motor, battery connector, relay, digitalmeters and other parts
Live measurements	Voltage and current of the driven rotor and the hydraulic rotor during operation
Layout	Parts hidden on an actual forklift opened out to show their operating state and location
Training content	Measuring the input/output data in each component
Weight	Approx. 350 kg
Size	Approx. 2,000 × 600 × 1,700 mm
Product code	SLE/ATE/23
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Circuit practicals on the forklift simulator

Reference readings. With the circuit working normally, students operate each function in turn and log the voltage and current shown on the digital meters, then check the input and output values at every component with an advanced digital multimeter. The completed sheet becomes the reference for later fault tracing.

Travel against lift. Compare the current taken by the driven rotor as the operating lever is moved with the current taken by the hydraulic rotor when the hydraulic lever is used. Watch the battery voltage at the same time and discuss how each load drains the battery, a topic that continues on the electric vehicle energy management training equipment.

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