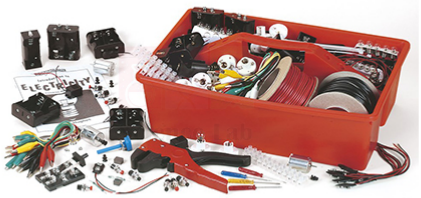
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Product Name :

Electrics Kit

Product Code :

SLE/EM/15



Description :

Electrics Kit (Product Code: SLE/EM/15) is a class-sized box of electrical components that lets primary pupils construct circuits, identify the parts they use and investigate what each component does. Motors, MES bulbs and holders, buzzers, push switches, battery holders, reels of wire and crocodile-clip leads are packed in a handy plastic storage box, together with the tools needed to cut and strip wire. Aimed at the Key Stage 2 electricity topic and manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, it is a hands-on science kit, part of its school physics lab equipment in India, for primary school teachers who want every group building its own circuits.

Key Details

Parameter	Detail
Type	Circuit-building component kit for group work
Curriculum level	Key Stage 2: Electricity
Purpose	Constructing circuits, identifying components and investigating component functions
Supplied in	Handy plastic storage box

Kit contents:

- 10 x MJR3L 3.5 6 volt motors
- 20 x 6 volt MES screw bulbs
- 20 x MES button holders
- 2 x 6 volt buzzers
- 10 x 7.9mm push-fit pulleys
- 10 x cable ties
- 20 x PP3 battery snaps
- 10 x battery holders for 2 x HP11 cells
- 10 x battery holders for 4 x HP11 cells
- 1 x 100m red multicore wire
- 1 x 100m black multicore wire
- 20 x double-ended crocodile-clip leads
- 5 x 5 amp connector strips
- 1 x automatic wire stripper/cutter
- 4 x small 3mm electrician’s screwdrivers
- 5 x push-to-make red switches
- 5 x push-to-break black switches

Typical Use

A first lesson usually has groups light a single MES bulb from a battery holder, then add a second bulb in series and in parallel and compare the brightness. Swapping the bulb for a buzzer or motor shows that the same circuit can produce light, sound or movement, and fitting a push-fit pulley to a motor shaft leads into simple spinning models. The red push-to-make and black push-to-break switches let pupils design doorbell and alarm circuits and explain why each switch type suits

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