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Dissectible Machines Tutor, basic components



A fully dissectible experimental machines kit. Build, operate and test over 50 different ac, dc and 3-phase machine assemblies. It has well protected rotation parts, the machines being assembled operate using low voltage levels.
Curriculum Coverage

- Identification of constituent parts of an electrical machine
- Electromagnetic principles
- Elementary machines principles
- d.c. motors & generators
- Series, shunt & compound motor types
- a.c. single & three phase motors & generators
- Series, universal, single phase capacitor, split phase & repulsion motor
- Synchronous motors & generators, single & three phase
- Split field, shaded pole & stepper motors
- Electrical machine faults

Caractéristiques techniques :

Nominal operating voltages 50V d.c. & 125V a.c.
Shaft speed up to 5,000 r.p.m.

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