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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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