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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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