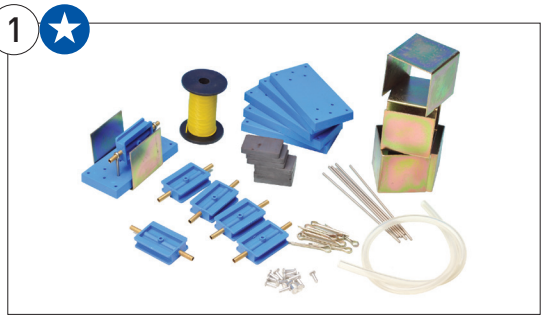
1. Motor Construction Kit

The kit comprises all the parts required to build 6 model motors. Dims (l x w x h): 170.1 x 160 x 99mm.

Each kit contains:

- 12 x magnets
- 6 x armatures
- 6 x mild steel yokes
- 6 x support bases
- 6 x shafts
- 24 x rivets
- 12 x split pins
- 1 x reel of 26 swg PVC tinned copper wire
- 2 x reels of tape
- 300mm rubber tubing of 3mm bore
- Instructions

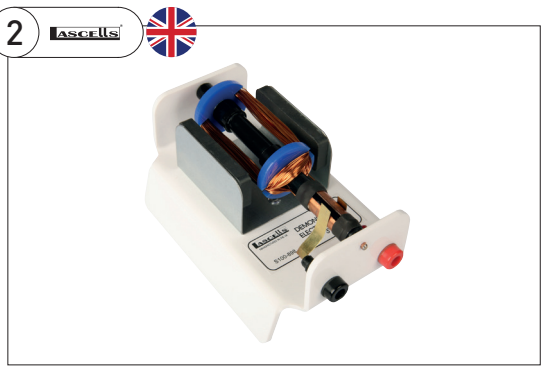
Code	Pack	Price
★ PY2004	Each	£38.64



2. Lascells Demonstration Electric Motor

This DC electric motor is a ready built fully functional unit, showing all the essential features of a simple motor as taught in the KS4 syllabus. A single rectangular coil rotates in a linear magnetic field with a simple commutator and brush arrangement. Field directions can be reversed by reversing the ferrite slab magnets, and current direction can be reversed by reversing the leads. Requires DC voltage in the range 1.5 - 6V.

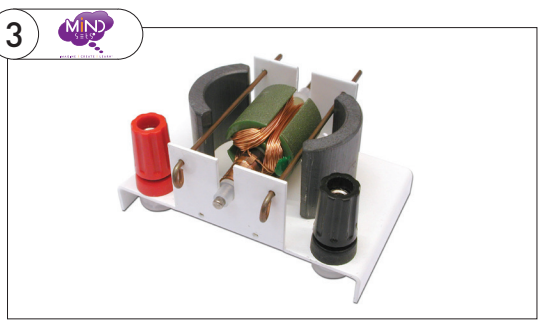
Code	Pack	Price
PY3000	Each	£49.00



3. SEP Motor Kit

Developed for the Science Enhancement Programme (SEP), this provides the parts for rapid assembly of a working DC motor. It demonstrates clearly what each part does and runs at high speed when you just touch two wires against the commutator.

Code	Description	Pack	Price
SEMOT001	Motor kit	Each	£30.94
SEMOT004	Spare magnets	Pair	£6.71
X27275	Shoulder washer	Each	£0.21



4. Demonstration Electric Motor

Simple form of DC electric motor, having 2-pole armature wound with enamelled copper wire and a permanent magnetic field provided by a removable bar magnet. A disc-type commutator is incorporated and external connection to the phosphor-bronze brushes is by means of a pair of 4mm sockets. The motor operates on 6 - 8V DC.

Code	Pack	Price
EDU727N	Each	£16.19

