

## “JOINER” BATTERY CONNECTOR (10/PK)

N99-P70-0351

\$27

The holder connects dry cell batteries at the terminals using a magnet. This facilitates the connection and disconnection of cells due to the positive (+) and negative (-) iron-based terminals. The holder is used to connect C or D batteries. This versatile holder can be connected in series or in parallel, connected to lead wires, connected to miniature light bulbs, or soldered to coils.



### SPECIFICATIONS

Magnet: Isotropic ferrite magnet of 23x5mm

Connector plate: Ni-plated phosphor bronze of 0.5mm in thickness

Dimensions: Approx. 40x23x7mm

10pcs./pk.



## HAPPY & UNHAPPY BALLS (10 Pairs/PK)

N99-P70-3840

\$40



These fantastic balls are used to conduct experiments in discrepant event science, polymerization, and the coefficients of friction and restitution. These balls may look the same, but they behave differently upon impact on a solid surface. The “Happy” ball stores very little energy in collisions and bounces well. The “Unhappy” ball stores a lot of energy and doesn’t bounce. This is a great aid for every momentum and collision study. Displays different physical and behavioral properties. **1” in diameter.**

### Experiment 1.

When both balls are allowed to fall on a solid surface, one bounces well while the other remains on the floor without bouncing at all.

### Experiment 2.

Place both balls in a Newton’s Cradle with screws, hooks, and threads. Then strike them against one another.

## NINJA BALLS

N99-C15-2760

\$56



The Ninja Balls are used for experiments in collision and the law of conservation of momentum. This unit consists of 5 urethane balls of different sizes. After stacking the balls together using the core rod, vertically drop the unit from approximately 1 meter off the ground. The impact caused by the collision of the bottom ball will ripple to the top ball. As a result, the top ball (the smallest ball) will be projected several meters into the air. This is an excellent hands-on classroom experiment.

### SPECIFICATIONS

- One extra top ball with flag is included
- Material: Balls made of Urethane, Core Rod and Frame is made of Chrome-Plated Iron
- Dimensions: 200x85mm
- Weight: 200g