

12030-P PUCK LAUNCHER, LARGE

Purpose:

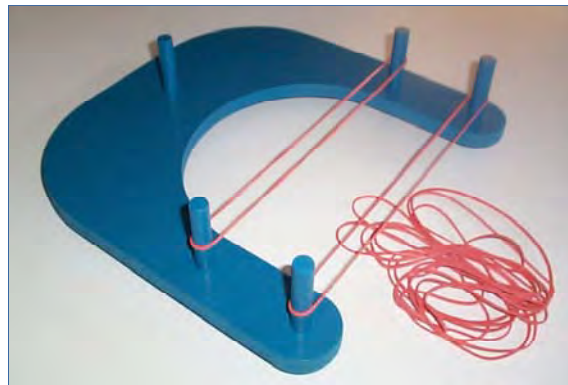
To provide a reliable means of launching large self-hovering pucks on floor surfaces of all types.

Additional Required Materials:

One or two pucks

Background:

It can be said that, “With one of these pucks to kick around on the floor, you have a toy; with two, you have an apparatus; and with two pucks and a launcher, you have a Physics Apparatus.”



Assembly:

All that is required to put the launcher in service is to stretch a rubber band across the opening of the launcher using one of the two sets of pegs. More than one rubber band can be used at the same time and a single rubber band can be folded double, if desired. By varying the number of rubber bands and the choice of pegs, the launching force and duration can be varied.

Operation:

Turn on the puck and draw it against the rubber band/s until it touches the back wall of the launcher. To launch the puck, simply release the puck and the rubber bands will propel it forward. Use varying numbers and combinations of rubber bands to alter the launch velocity of the puck. To obtain consistent results, always pull the puck all the way to the back of the launcher

Time Allocation:

To prepare this product for an experimental trial should take less than two minutes. Actual experiments will vary with needs of students and the method of instruction, but are easily concluded within one class period.

Feedback:

If you have a question, a comment, or a suggestion that would improve this product, you may call our toll free number below.