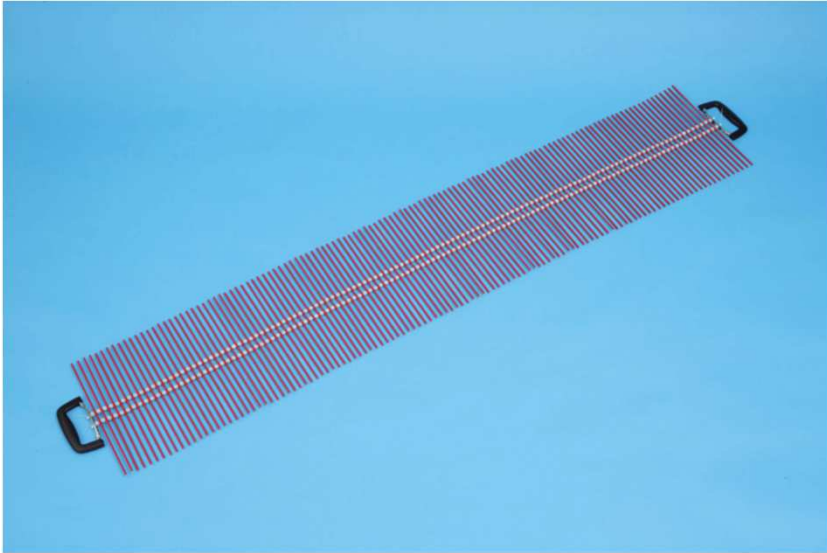


C15-4321-W0

Hand-held Wave Demonstrator WK



Hand-held (bamboo blinds like) wave demonstrator that makes demonstrations much easier and captivating when observing such properties of a wave as propagation, reflection, and superposition.

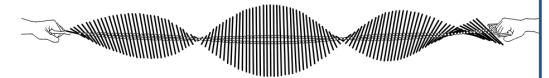
- Material: Plastics
- Size: 1,620 x 306mm (excluding handles).
- Weight: 700g

Precautions:

1. Two demonstrators (either student or a teacher) are needed for this experiment. Keep the space around the demonstrators empty.
2. Make sure both demonstrators do not strain the product too much, whereas they need to keep proper tension between the both ends during demonstration.

How to demonstrate standing waves:

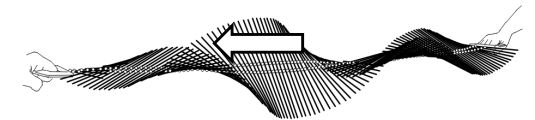
- 1) See clause 1. of above precautions.
- 2) Make sure each demonstrator grip the handle at each end.
- 3) Each demonstrator pulls the other one toward his/her side in the way the product is horizontally aligned in a straight line.
- 4) One of the demonstrators twist his/her wrist slowly at a steady pace while the other one remains still.



Standing waves

How to demonstrate propagation, reflection, and superposition of a wave:

- 1) – 3) Same as above.
- 4) One of the demonstrators twist his/her wrist just once to make a pulse wave while the other one remains still.



Pulse wave