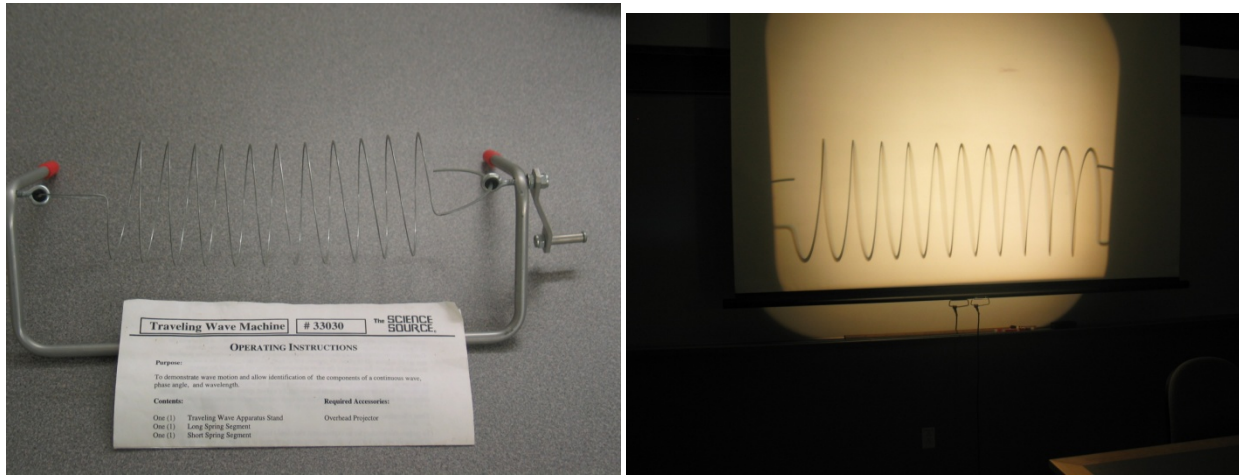


## Circular Motion, Linear Propagation



**Purpose:** To demonstrate how a linearly propagation wave can result from (in this case) a circularly moving medium.

**Location:** room 146, shelf O2

This demonstration apparatus makes it easier for students to see how a wave can be transmitted linearly, even though the medium of transmission (a spring here) is executing only circular motion, perpendicular to the direction of propagation. Put the “Traveling Wave Machine” on the overhead projector, turn the hand crank, and watch a transverse wave propagate perpendicular to the direction of the spring’s motion (right photo).