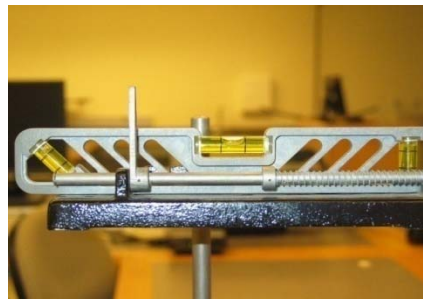
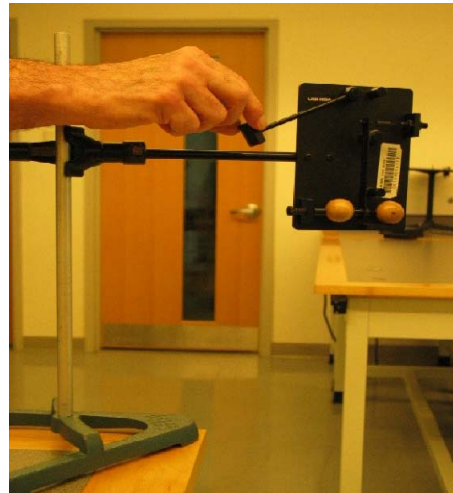


Projectile Motion



Purpose: To demonstrate independence of horizontal and vertical components of motion

Location: room 136, shelf L4 (levels, A5)

We have two slightly different apparatuses. One launches a ball horizontally using a spring-loaded mechanism; the other uses a swinging hammer. In both cases, another ball is released simultaneously to fall straight down. The balls can be heard hitting the floor simultaneously make it clear that each fell at the same rate.

Be sure the spring-loaded device is level before loading.