

# CO2 Rotation Apparatus

## CO2 Rotation Apparatus

**Time Taken: ~5 min**

### **Objectives: (optional)**

The students will:

- Gain insight into conservation of momentum
- Gain insight into rotational motion

### **Materials:**

- Rotational apparatus
- CO2 cartridge
- Cartridge piercer

### **Vocabulary: (optional)**

- Conservation of momentum
- Rotational motion

### **Procedures:**

- Place CO2 cartridge into apparatus
- Puncture CO2
- Observe the arm move around

### **End of activity questions to ask: (optional)**

- What made the arm start to move?
- Which direction is the centripetal force acting?