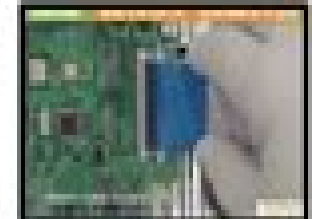
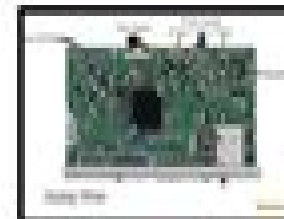
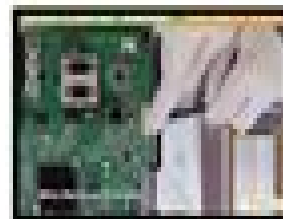


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historic of momentum we have $mv_a = m v_f$ just for and after the ball contacted the bob where m is the mass of the ball

and m is the mass of the bob and v_a and v_b are the ball's speed just before and just after collision

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web the ballistic pendulum physics 110 laboratory in this experiment you will determine the muzzle velocity of a gun using

two different methods the first method consists of firing a ball horizontally from the tabletop by measuring the range of the ball in the second part of the experiment the ball will be fired into the ballistic pendulum shown above and

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