

# AS and A-level Physics practicals: Equipment set up

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Practical 10: Investigate how the force on a wire varies with flux density, current and length of wire using a top pan balance

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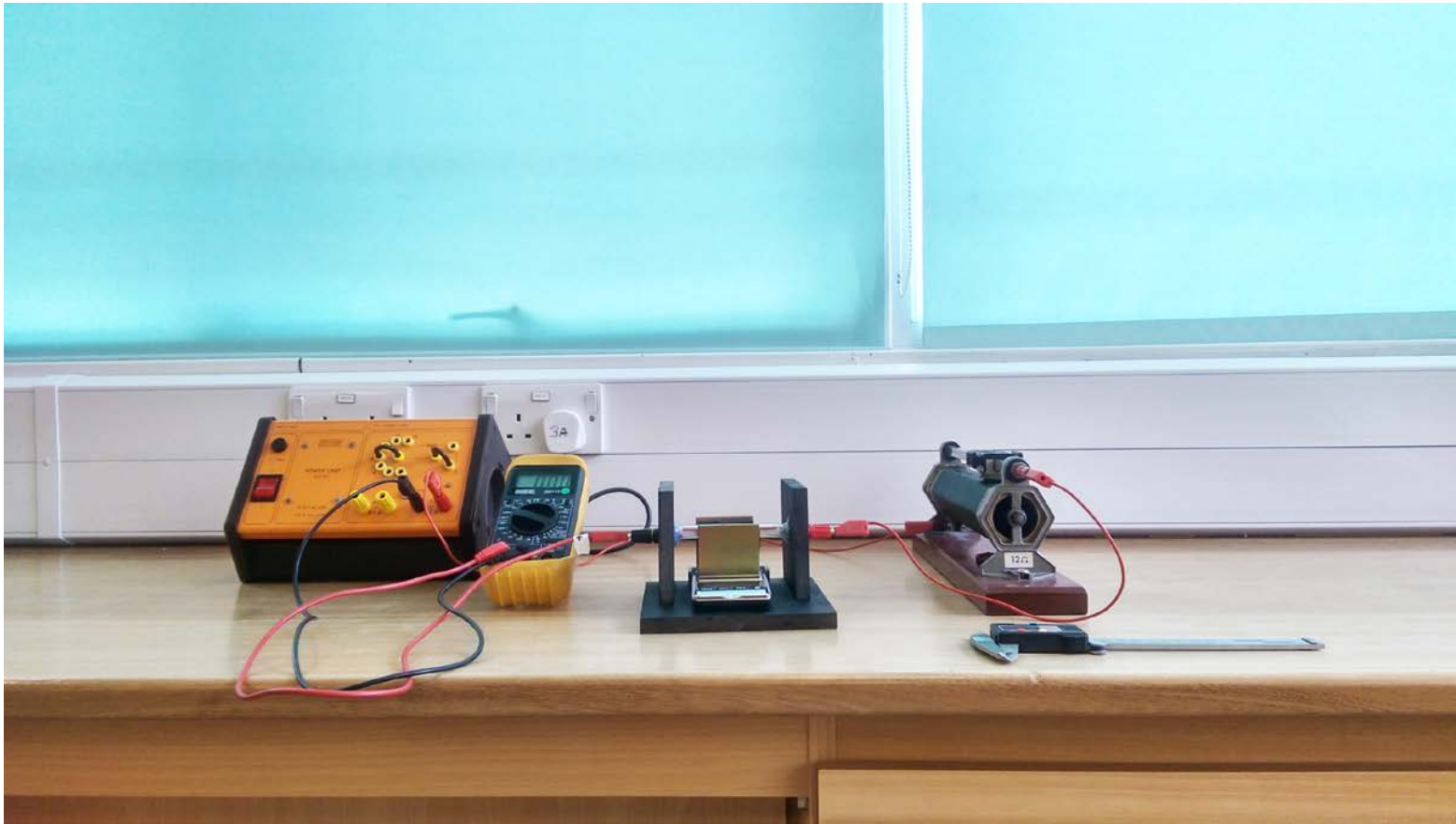
# Setting up the apparatus as shown in the diagram

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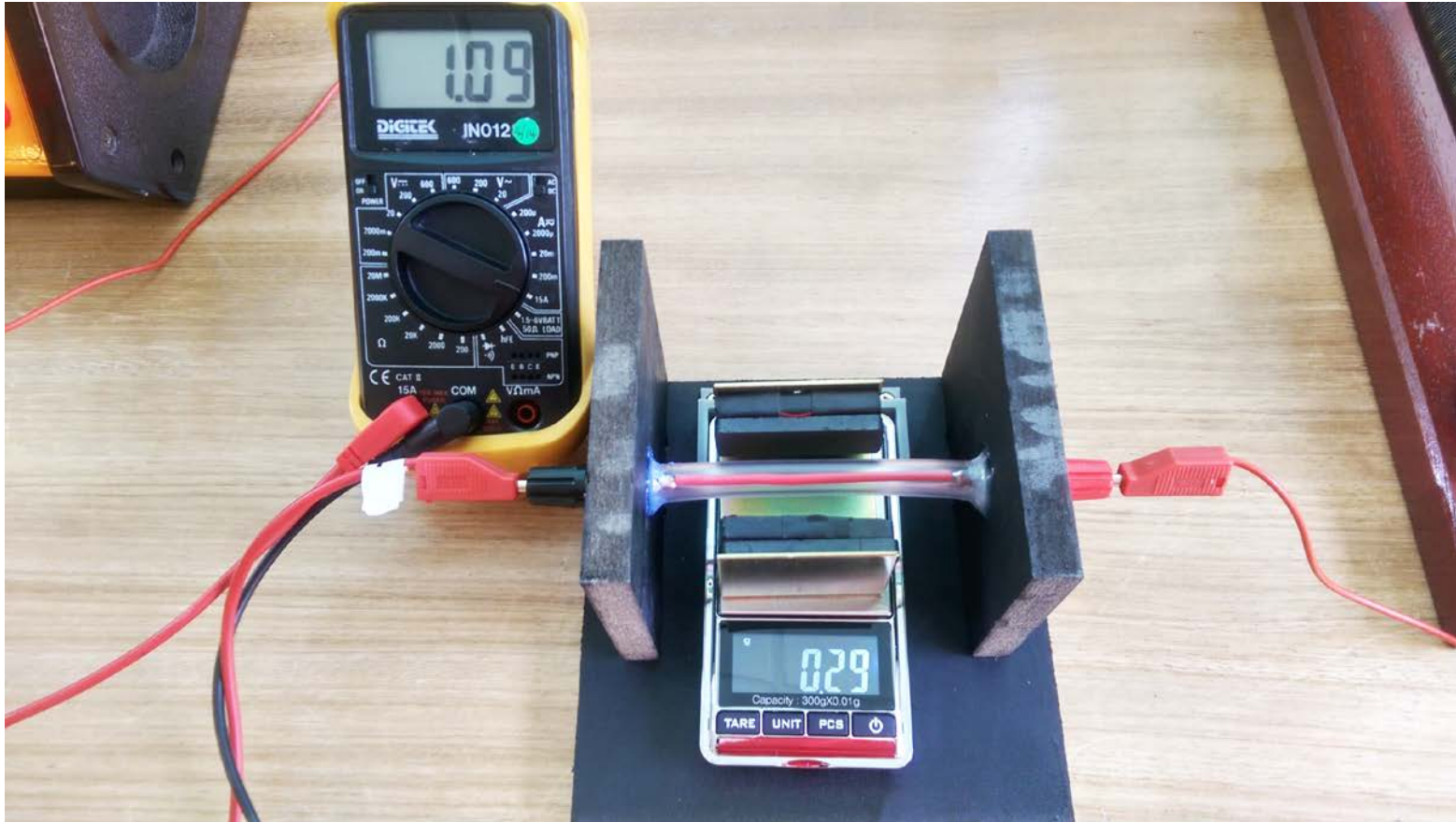


The top pan balance when added should be set to zero when no current is flowing through the wire

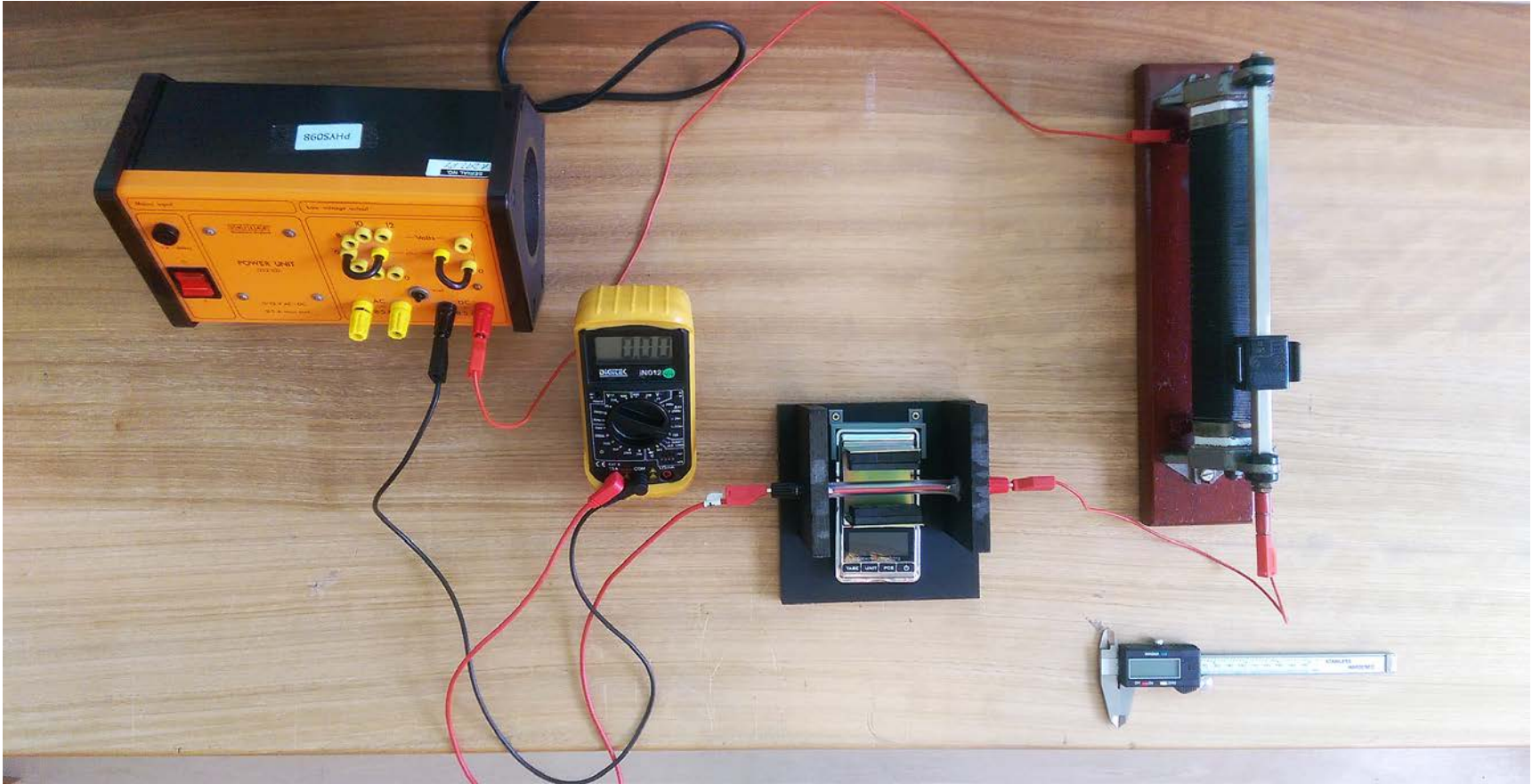
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When the current is flowing read the top pan balance display in grams



Adding a variable resistor to vary the current will allow more readings to be collected



Adding a variable resistor to vary the current will allow more readings to be collected (with schematic symbols)

