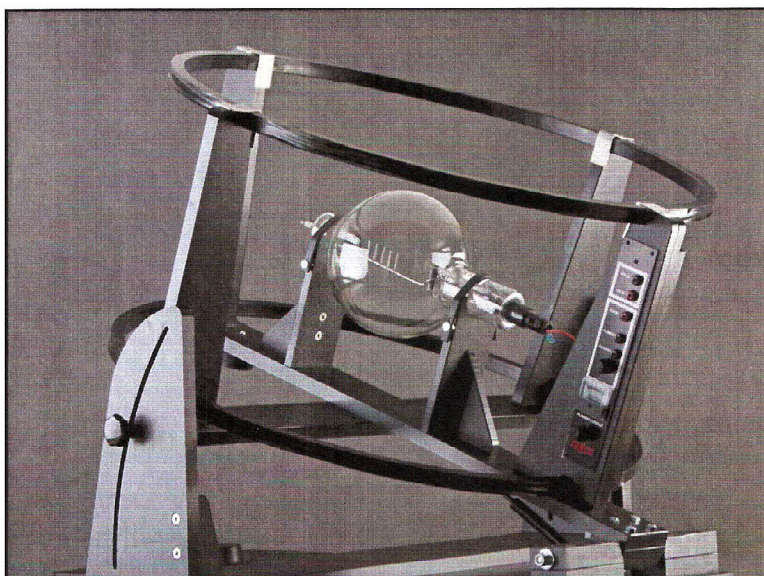
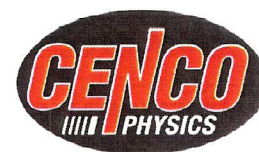


Operating Instructions: WL0623B CENCO e/m apparatus



PRODUCT CONTENTS

Quantity	Description
1	Helmholtz coil on base
1	e/m tube

OTHER REQUIRED MATERIALS

Dual Power Supply capable of 5 A for the filament and 0 - 40 V for the accelerating voltage.
Power Supply capable of 5 A for the Helmholtz coil
Compass
Dip Needle

ASSEMBLY OF APPARATUS

1. Place the tube into the cradle with the socket end towards the connection panel. Place the rubber straps over the bulb to hold it in place.
2. Connect the female socket from the base to the male socket on the bulb. See Figure 1.

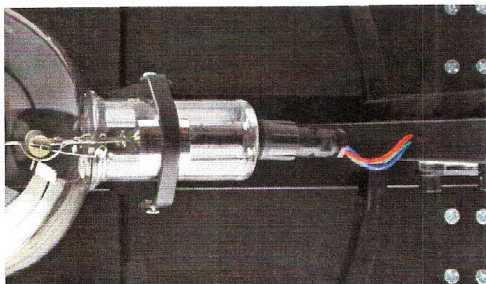


Figure 1: Socket connection

Note:

If you have the older model base then you will need the wire adaptor WLS1803-55. This will serve as a connection between the three binding post and the socket on the bulb.

3. Orient the Helmholtz Coils so that the e/m tube will have its long axis in a magnetic north-south direction, as determined by a compass.

