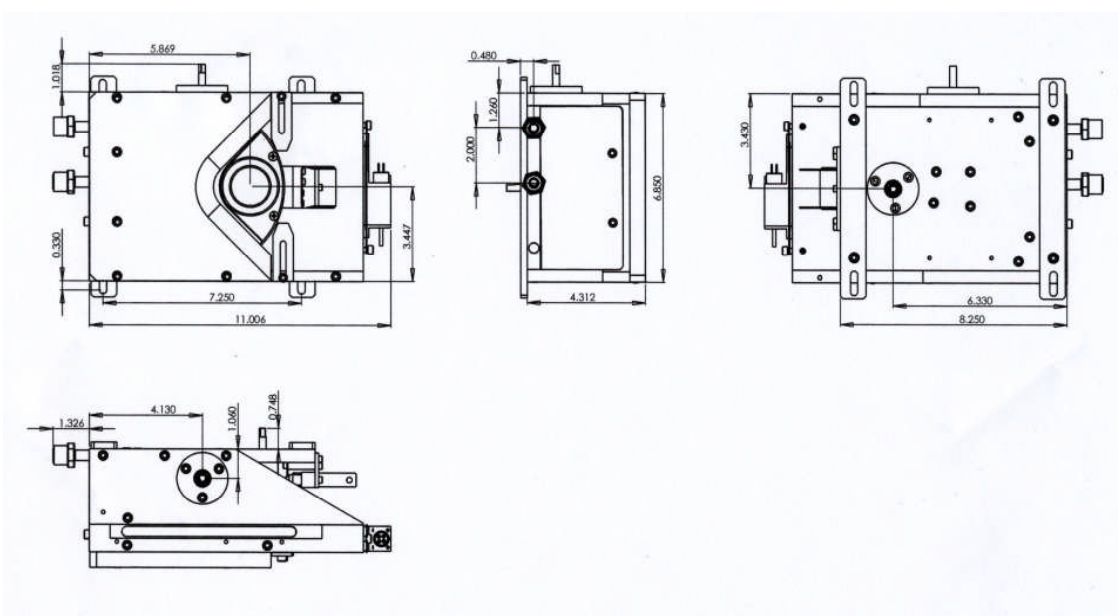


# ***EB2 Specifications***

<b><u>Electron Beam Deflection:</u></b>	<b><u>270°</u></b>
<b><u>Power Rating:</u></b>	<b><u>10kW</u></b>
<b><u>Maximum High Voltage:</u></b>	<b><u>10kV</u></b>
<b><u>High Voltage Range:</u></b>	<b><u>6kV to 10kV</u></b>
<b><u>Lateral Coil Resistance:</u></b>	<b><u>3.0 Ohm</u></b>
<b><u>Sweep, Lateral Coil:</u></b>	<b><u>+/- 1 Amp</u></b>
<b><u>Longitudinal Coil Resistance:</u></b>	<b><u>9.5 Ohm</u></b>
<b><u>Sweep Longitudinal Coil :</u></b>	<b><u>+/- 1 Amp</u></b>
<b><u>Emission Current:</u></b>	<b><u>up to 1 Amp@10kV</u></b>
<b><u>Filament Power:</u></b>	<b><u>600 Watts Maximum</u></b>
<b><u>Water Requirements:</u></b> <i>Impute water temperature should be 60° F (15° C) @ 60 psi (4.2 kg/cm) with 3/8" (10mm) lines.</i>	<b><u>3 gpm @ 10kW</u></b>
<b><u>Weight:</u></b> <i>As delivered, less shipping carton</i>	<b><u>46 lbs. (20.81 kg)</u></b>
<b><u>Dimensions:</u></b> <i>Note: dimensions less drive protrusions</i>	<b><u>4.310"H x 8.060"W x 13.050"L</u></b> <b><u>10.947 cm H x 20.472 cm W x 33.147 cm L</u></b>
<b><u>Maximum Crucible Volume:</u></b>	<b><u>4 x 40cc or 325cc Trough</u></b>

# ***EB2 Reference Dimensions***



<i><b># of Pockets</b></i>	<i><b>Size</b></i>		<i><b>“A”</b></i>	<i><b>“B”</b></i>
<u><b>4</b></u>	<u><b>7,15,25,30 cc</b></u>	<i>with web</i>	<u><b>1.750”</b></u>	<u><b>3.550”</b></u>
<u><b>4</b></u>	<u><b>30,40 cc</b></u>	<i>without web</i>	<u><b>1.750”</b></u>	<u><b>3.750”</b></u>
<u><b>4</b></u>	<u><b>40 cc</b></u>	<i>with web</i>	<u><b>1.800”</b></u>	<u><b>3.800”</b></u>
<u><b>6</b></u>	<u><b>7,15 cc</b></u>	<i>with web</i>	<u><b>1.930”</b></u>	<u><b>3.550”</b></u>
<u><b>6</b></u>	<u><b>25 cc</b></u>	<i>with web</i>	<u><b>1.930”</b></u>	<u><b>3.675”</b></u>
<u><b>1</b></u>	<u><b>235 cc</b></u>	<i>trough</i>	<u><b>1.750</b></u>	<u><b>3.550”</b></u>
<u><b>1</b></u>	<u><b>325 cc</b></u>	<i>trough</i>	<u><b>1.800”</b></u>	<u><b>3.800”</b></u>