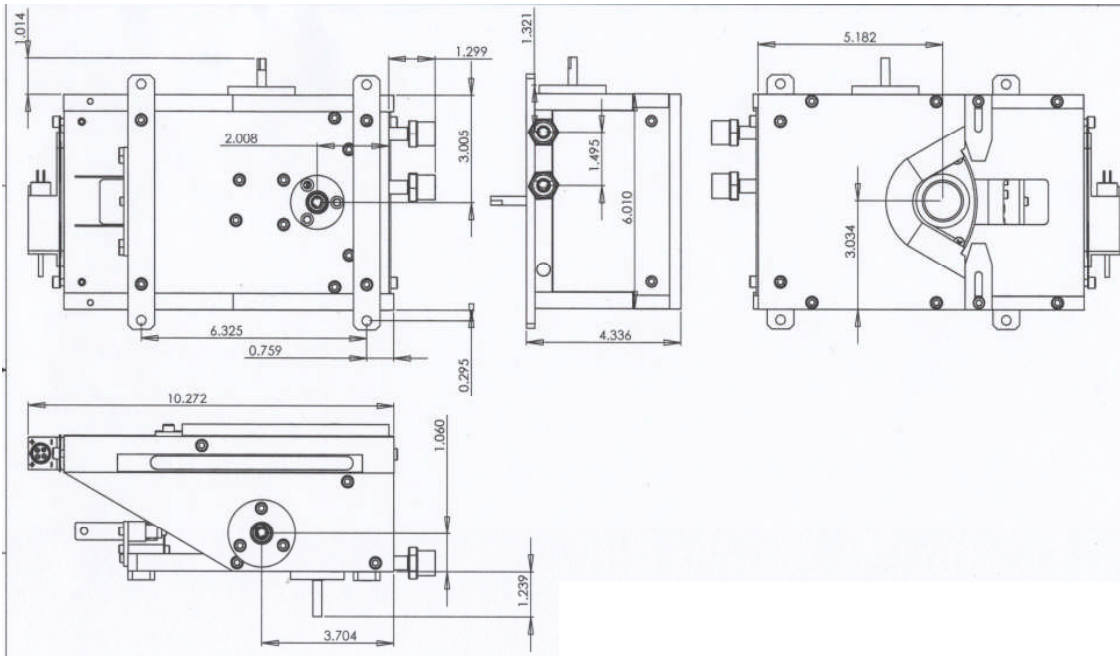


EB3 Specifications

<u>Electron Beam Deflection:</u>	<u>270°</u>
<u>Power Rating:</u>	<u>10kW</u>
<u>Maximum High Voltage:</u>	<u>10kV</u>
<u>High Voltage Range:</u>	<u>5kV to 10kV</u>
<u>Lateral Coil Resistance:</u>	<u>3.0 Ohm</u>
<u>Sweep, Lateral Coil:</u>	<u>+/- 1 Amp</u>
<u>Longitudinal Coil Resistance:</u>	<u>9.5 Ohm</u>
<u>Sweep Longitudinal Coil :</u>	<u>+/- 1 Amp</u>
<u>Emission Current:</u>	<u>up to 1 Amp@10kV</u>
<u>Filament Power:</u>	<u>600 Watts Maximum</u>
<u>Water Requirements:</u> <i>Impute water temperature should be 60° F (15° C) @ 60 psi (4.2 kg/cm) with 3/8" (10mm) lines.</i>	<u>3 gpm @ 10kW</u>
<u>Weight:</u> <i>As delivered, less shipping carton</i>	<u>40 lbs. (18.14 kg)</u>
<u>Dimensions:</u> <i>Note: dimensions less protrusions</i>	<u>4.3"H x 6.1"W x 9.265"L</u> <u>10.9 cm H x 15.4 cm W x 23.53 cm L</u>
<u>Maximum Crucible Volume:</u>	<u>4 x 25cc or 190cc Trough</u>

EB3 Reference Dimensions



<i># of Pockets</i>	<i>Size</i>		<i>“A”</i>	<i>“B”</i>
<u><i>4</i></u>	<u><i>7,15,25 cc</i></u>	<i>with web</i>	<u><i>1.750”</i></u>	<u><i>3.550”</i></u>
<u><i>6</i></u>	<u><i>7,15 cc</i></u>	<i>with web</i>	<u><i>1.930”</i></u>	<u><i>3.550”</i></u>
<u><i>1</i></u>	<u><i>190 cc</i></u>	<i>trough</i>	<u><i>1.750</i></u>	<u><i>3.550”</i></u>