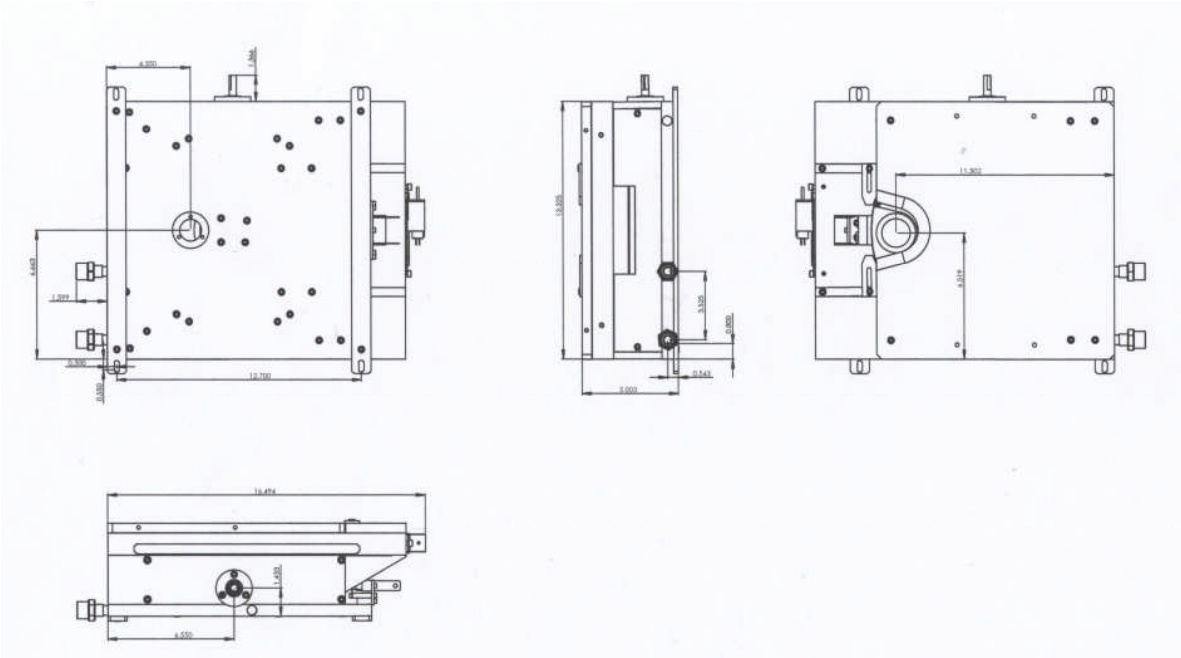


EB12 Specifications

<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>3.5 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 1/2" (12.5mm) lines.</i>	<u>3 gpm @ 10kW</u>
<u>Weight:</u> <i>As delivered, less shipping crate</i>	<u>146 lbs. (66.22kg)</u>
<u>Dimensions:</u> <i>Note: dimensions less protrusions</i>	<u>4.985"H x 14.825"W x 15"L</u> <u>12.7cm H x cm 37.7W x 38.1cm L</u>
<u>Maximum Crucible Volume:</u>	<u>12 x 40cc or 875cc Trough</u>
	<u>1640cc Pan</u>

EB12 Reference Dimensions



<u># of Pockets</u>	<u>Size</u>	<u>Center of Crucible to center of Pocket</u>
<u>12</u>	<u>40 cc</u>	<u>4.75" 12.06cm</u>
<u>Trough</u>	<u>875cc</u>	
<u>Pan</u>	<u>1640cc</u>	