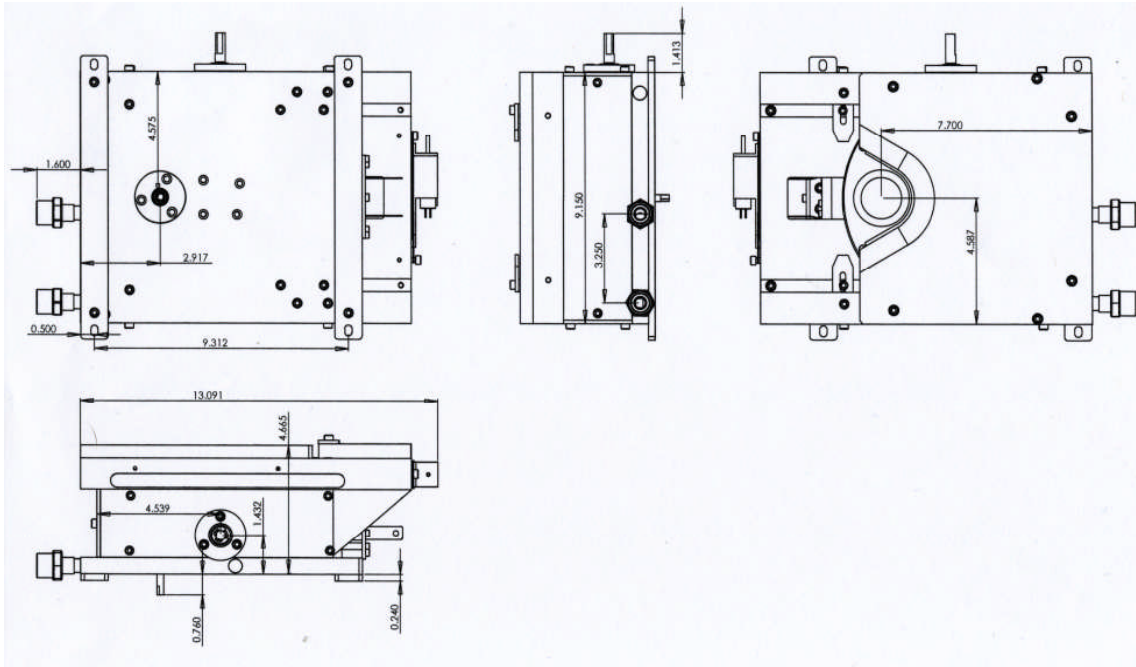


# *EB8 Specifications*

<u><i>Electron Beam Deflection:</i></u>	<u><i>270°</i></u>
<u><i>Power Rating:</i></u>	<u><i>10kW</i></u>
<u><i>Maximum High Voltage:</i></u>	<u><i>10kV</i></u>
<u><i>High Voltage Range:</i></u>	<u><i>6kV to 10kV</i></u>
<u><i>Lateral Coil Resistance:</i></u>	<u><i>3.0 Ohm</i></u>
<u><i>Sweep, Lateral Coil:</i></u>	<u><i>+/- 1 Amp</i></u>
<u><i>Longitudinal Coil Resistance:</i></u>	<u><i>9.5 Ohm</i></u>
<u><i>Sweep Longitudinal Coil :</i></u>	<u><i>+/- 1 Amp</i></u>
<u><i>Emission Current:</i></u>	<u><i>up to 1 Amp@10kV</i></u>
<u><i>Filament Power:</i></u>	<i>600 Watts Maximum</i>
<u><i>Water Requirements:</i></u>	<u><i>3 gpm @ 10kW</i></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><i>Weight:</i></u>	<u><i>82 lbs. (20.81 kg)</i></u>
<i>As delivered, less shipping carton</i>	
<u><i>Dimensions:</i></u>	<u><i>4.8"H x 9.1"W x 12.1"L</i></u>
<i>Note: dimensions less protrusions</i>	<u><i>12.7cm H x 23.1 cm W x 30.7cm L</i></u>
<u><i>Maximum Crucible Volume:</i></u>	<u><i>6 x 40cc or 325cc Trough</i></u>

# ***EB8 Reference Dimensions***



<i><b># of Pockets</b></i>	<i><b>Size</b></i>	<i><b>Center of Crucible to center of pocket</b></i>
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<i><b><u>6</u></b></i>	<i><b><u>40 cc</u></b></i>	
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<i><b><u>Trough</u></b></i>	<i><b><u>470cc</u></b></i>	
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