

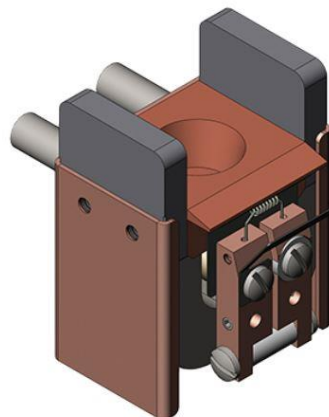
Classic 3 kW e-Gun™

Classic Single Pocket Electron Beam Evaporation Source

Thermionics Classic Single pocket 3 kW e-Gun, side-by-side configuration available.

Features

- UHV rated e-Gun
- Compact design
- Ideal for academia
- Low maintained cost
- Rugged design



Specifications

Operating Pressure	Below 5×10^{-5} Torr is desirable for best operation
Beam Voltage	4,000 V
Beam Current	0-750 mA continuously variable
Maximum Power	3 kW
Cooling Water	1/2 gpm
Maximum Bakeout Temp.	230°C
Crucible Volume	2.24 cc

Mounting Configurations

Each e-Gun is available in three standard mounting configurations:

- *e-Gun mounted on PyraFlat™ or CF metal-seal type flange, which uses a standard OFE copper gasket
- *e-Gun alone with no mounting flange
- *e-Gun mounted on 1" base plate feedthrough

Ordering Information

Description	Model No.
2.24 cc Classic Single crucible e-Gun	100-0010