

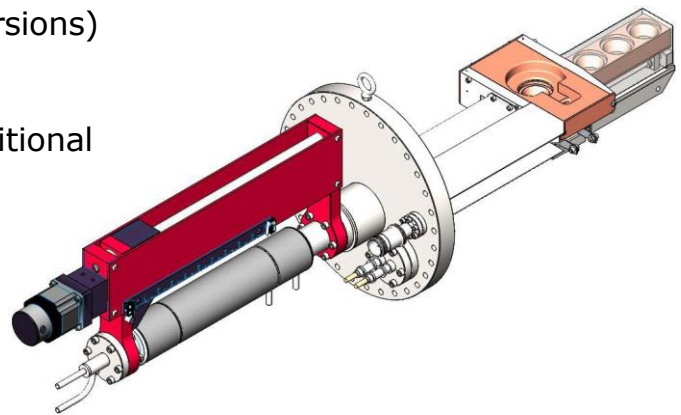
HCL e-Gun™

Z Series Crucible Indexing Translator

Thermionics introduces our high capacity linear e-Gun™ incorporating a Z Series Translator, crucible indexer. It is cost-effective and inexpensive, compared to other motion control systems.

Features

- Simple control characteristics
- Reliability is high and stable
- Range of speed control (motorized versions)
- Long motor life
- Computer PC controlled
- Smaller actuator profile allows for additional source flange utilities
- Scale for visual crucible position
- Stepping of synchronous motor drive



Specifications

Operating Pressure	Below 5×10^{-5} Torr is desirable for best operation
Power Rating	6.10 or 15 kW
Filament	12 VAC 60A
Maximum Power	15 kW
Cooling Water	2gpm
Pressure Differential	25 psi minimum
Max. Bakeout Temp.	200° C
Crucible Volume	7, 10, 15, 25, 40 or 75 cc

Ordering Info

Description	Model No.
7 cc HCL series e-Gun, 6 kW, 3, 4, 5, or 6+ pockets	HCL-0607-X-ZST-MS
10 cc HCL series e-Gun, 10 kW, 3, 4, 5, or 6+ pockets	HCL-1010-X-ZST-MS
15 cc HCL series e-Gun, 10 kW, 3, 4, 5, or 6+ pockets	HCL-1015-X-ZST-MS
25 cc HCL series e-Gun, 10 kW, 3, 4, 5, or 6+ pockets	HCL-1025-X-ZST-MS
40 cc HCL series e-Gun, 10 kW, 3, 4, 5, or 6+ pockets	HCL-1040-X-ZST-MS
75 cc HCL series e-Gun, 15 kW, 3, 4, 5, or 6+ pockets	HCL-1575-X-ZST-MS