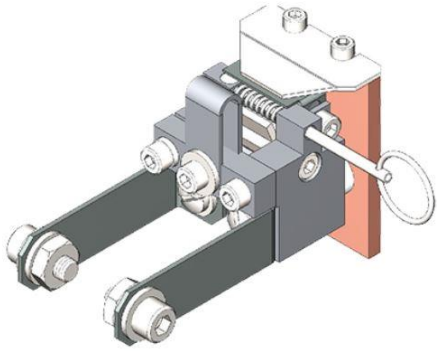
# HM$^2$ Series Emitter 75, 100, 156 cc e-Gun™

*Hanks HM$^2$ Series Emitter e-Gun*

Thermionics introduces Hanks HM$^2$ series e-Gun (ebeam) emitter.

## Features

- Elimination of beam curl
- Easy filament alignment
- Module design for easy replacement
- More efficient electron collimation
- Minimal filament distortion
- Elimination of electron tails



## Specifications

| | |
|---|---|
| Operating Pressure | Below 5 x $10^{-5}$ Torr is desirable for best operation |
| Power Output | -10 kV |
| Filament | 12 VAC 60A |
| Maximum Power | 15 kW |
| Crucible Volumes | 75, 100, 156 cc |

## Ordering Information

| Description | Model No. |
|---|---|
| HM$^2$ 75, 100, 156 cc Emitter Assembly | 112020-04 |

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