

# Standard Effusion Cell



## MAIN FEATURES

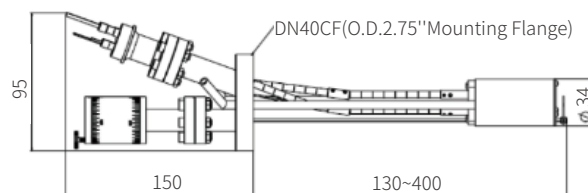
- UHV Compatible
- Highly efficient special water-cooling design
- Wide angle mounting
- Demountable crucible design, fast sample loading
- High repeatability

## MAIN APPLICATIONS

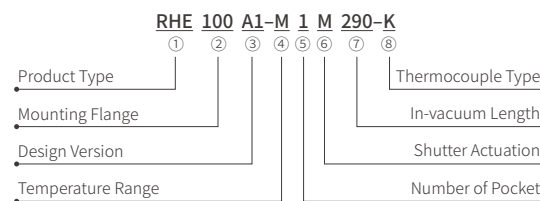
- Sample preparation
- Thin film growth
- MBE
- Surface science

## TECHNICAL DATA

Mounting Flange	DN40CF (O.D.2.75")
In Vacuum Length	130~400mm Optional
In Vacuum Diameter	34mm
Operating Temperature	80~1200°C
Heating Method	Tungsten Filament
Temperature Stability	±0.1°C
Thermocouple	Type K
Bakeout Temperature	200°C
Number of Pocket	1
Crucible Material	Al <sub>2</sub> O <sub>3</sub> / PBN/Quartz/other material upon request
Crucible Capacity	1cc
Cooling Method	Integrated water cooling
Shutter	Integrated shutter, Manual or Pneumatic



## Part Number Composition



④ Available options: H ≥ 1500°C, M: 400~1500°C, L: ≤ 400°C

⑥ Available options: P: Pneumatic, M: Manual

⑧ Available options: K: type K



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