



# AN-9020

**EB gun 270 Angle**  
**1 pocket, Evaporation Power**  
**16Kw**

본 제품 AN-9020모델은 270도 고품질의 전자빔건 이며, 전자빔건과 도가니(크럭시블)가 분리된 제품 입니다.

AN-9020 전자빔건은 증착 시 이물질이 건의 필라멘트 쪽으로 튀거나 낙하 하여도 구조상 간섭이 매우 적으며, 증착될(방출된)물질은 열 간섭이 적으므로 고정밀 또는 많은 레이어 공정에 적합하므로 매우 안정적인 빔과 고출력으로서 파우더나 소재를 녹이는데 적합하며 시험장비, 진공증착장비, 반도체장비, 광학장비등 에 사용합니다.

도가니(크럭시블)은 1 포켓, 특수형이 있으며 특수형은 주문 사양 입니다.

This product, AN-9020 model is Electron Beam-Gun with the angle mobility of 270 degree. Electron Beam-Gun and crucible are detached.

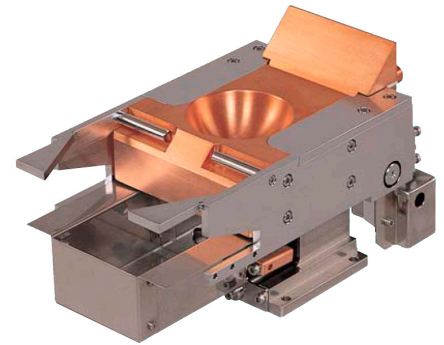
In the process of evaporation, although impurity bounds toward the filament of the gun or drops on it, Interference is architectonically much less.

Due to its less interference, Material-to-be-evaporated(or emitted) is suitable for high-precision, multiple layer process, melting powders or any related-materials with its stable beam and high power.

AN-9020 can be applied to examination equipment, vacuum evaporation equipment, semiconductor equipment, optical equipment etc.

Crucible consists of basic 1 pocket, special type.

special type is order specification.



## Technical specifications

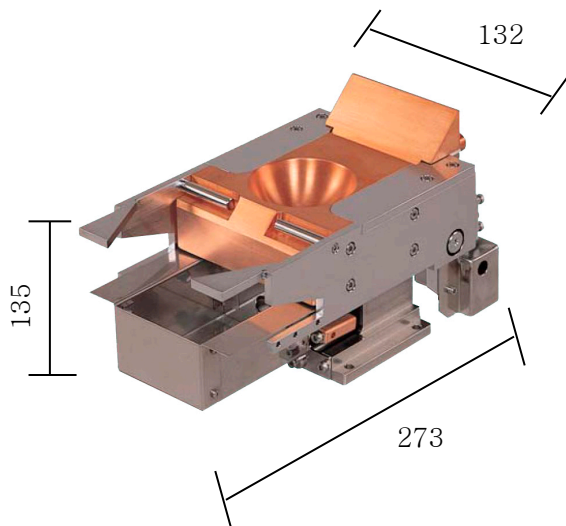
Output emission power	16Kw (10KV, 1.6A)
Gun crucible pocket	1 pocket, Capacity 60mL
Shape	Separate EB-gun or crucible(melting pot).
Angle	270 Deg
Output accelerating voltage	3000 to 15000Vdc
Output filament current	0-50A
Beam deflection Adj	Deflection Adj bar
Beam deflection current	0 to 2.5A
Deflection max frequency	5KHz -3dB
Ground terminal	Less than ground resistance 10 ohm
Required cooling water	8 to 10 L/min (2kg/cm <sup>2</sup> )
EB gun main dimensions (mm)	132(W) X 273(D) X 135(H)
Weight	Approx. 11Kg



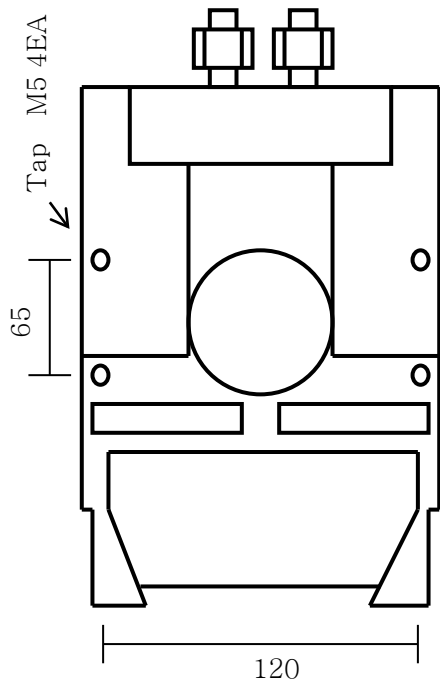
### ORIGIN

## Dimensions

**Unit mm**



### Mount



## Order code

AN-9020-AA-B-C-D

<b>A</b>	Power (Energy)	<b>16</b> =16Kw
<b>B</b>	Crucible pocket	<b>0</b> =Non, <b>1</b> = Pocket
<b>C</b>	Spare	<b>0</b> =Non
<b>D</b>	Spare	<b>0</b> =Non



### ORIGIN