



# AN-9010 *EB gun 180 Angle*

**1, 4, 8, 12 pocket, Evaporation Power 10Kw**

본 제품 AN-9010모델 전자빔건은 고품질의 제품이며 전자빔건과 도가니(크러시블)가 분리된 제품입니다.

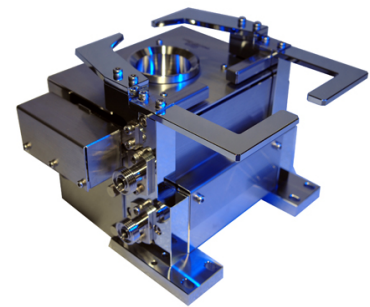
AN-9010 전자빔건은 매우 안정적인 빔과 고출력으로 파우더나 소재를 녹이는데 적합하며 시험장비, 진공증착장비, 반도체장비, 광학장비등에 사용됩니다.

도가니(크러시블)는 기본 1, 4, 8, 12포켓, 특수형이 있으며 특수형은 주문사양입니다.

This product, AN-9010, is highly-qualified Electron Beam-Gun with Electron Beam-Gun and crucible detached.

AN-9000 can be applied to examination equipment, vacuum evaporation equipment, semiconductor equipment, optical equipment etc, and phenomenally suitable for melting powder or any related materials with its stable beam and high power.

Crucible consists of basic 1, 4, 8, 12 pockets, and special type. Special type is order specification.



## Technical specifications

Output emission power	10Kw
Gun crucible pocket	1, 4, 8, 12 pocket, Capacity 25mL
Shape	Separate EB-gun or crucible(melting pot)
Angle	180 Deg
Output accelerating voltage	3000 to 15000Vdc
Output filament current	0-30A, 0-40A, 0-50A
Beam deflection current	0 to 2.5A
Deflection max frequency	5KHz -3dB
Beam Scanning current X axis	60Hz(X axis), max, output(10App-/+ 2A dc)
X axis scanning max frequency	10KHz -3dB
Beam Scanning current Y axis	600Hz(Y axis),max, output(10App-/+ 2A dc)
Y axis scanning max frequency	10KHz -3dB
Ground terminal	Less than ground resistance 10 ohm
Required cooling water	8 to 10 L/min (2kg/cm <sup>2</sup> )
Crucible rotation motor power	1ph 220Vac 60Hz 6W, 10W
Crucible position sensor	OPT 4 to 12 point, LED display, negative open collector TR out
EB gun main dimensions (mm)	194(W) X 158 (D) X 152(H)
Weight	Approx. 9Kg

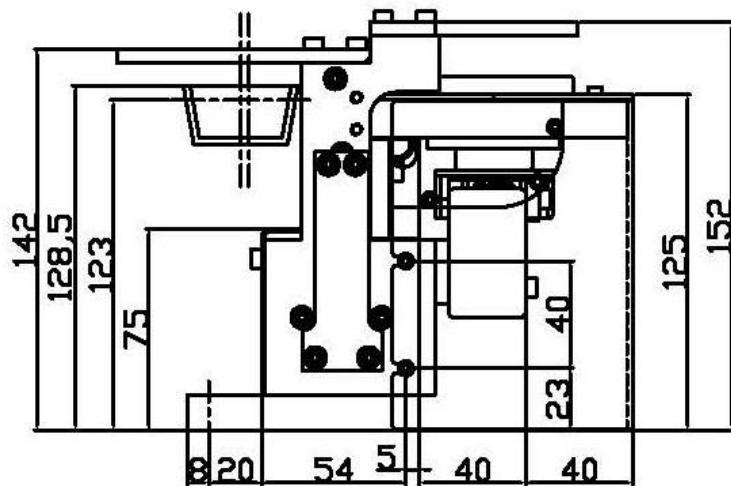
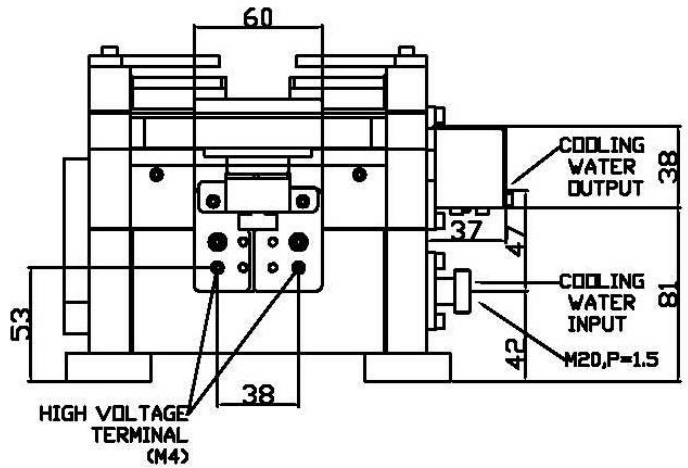
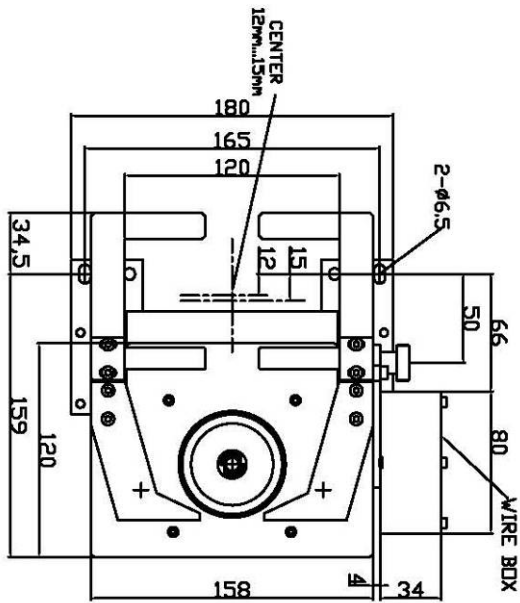


### ORIGIN

# Dimensions

## Mount

**Unit mm**



**ORIGIN**

**Order code**

**AN-9010-AA-B-C-D**

<b>A</b>	Power (Energy)	<b>10</b> =10Kw
<b>B</b>	Crucible pocket	<b>0, 1, 4, 8, A</b> = 12 Pocket
<b>C</b>	Spare	<b>0</b> =Non
<b>D</b>	Spare	<b>0</b> =Non



**ORIGIN**

			
Feedthrough High voltage power	Feedthrough Power	Feedthrough 6 Pin	Discharge probe 20Kv
P-0000-0001	P-0000-0002	P-0000-0003	P-0000-0004
			
Feedthrough Cooling water	Feedthrough Gas	Shutter cover 4,8,12 Pocket	Shutter drive Air
P-0000-0005	P-0000-0006	P-0000-0007,8,9	P-0000-0010
			
Crucible liner copper 18cc x 21cc	Crucible liner copper 10cc x 21cc	Crucible liner carbon 18cc x 21cc	Crucible liner carbon 10cc x 21cc
P-0000-0011	P-0000-0012	P-0000-0013	P-0000-0014
			
Crucible liner ceramic 18cc x 21cc	Crucible liner ceramic 10cc x 21cc	Crucible liner Special	Crucible cover 4,8,12 Pocket
P-0000-0015	P-0000-0016	P-0000-0017	P-9010-0018,19,20



## ORIGIN

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