HIGHBORN

连云港海博科技有限公司

LIANYUNGANG HIGHBORN TECHNOLOGY CO.,LTD

理化仪器

LABORATORY CERAMIC WARE

连云港海博科技有限公司

围绕着石英和陶瓷两个基础材料，经过将近20年的不断努力，海博集团发展成为集研发、生产、加工、销售于一体的现代化企业，主要产品有石英玻璃、比色皿、精密陶瓷、微孔陶瓷、厚膜电阻、臭氧发生器、金属纤维毡等。产品远销105个国家和地区。

一直以来，海博集团非常重视产品质量和技术研发，先后通过了ROHS、CE、MSDS、ISO、SGS、TÜV等认证。并拥有注册商标8个，技术专利25个，2020年荣获国家高新技术企业、江苏省民营科技企业称号。

海博集团不仅可以提供优质的产品，还可以为您提供优质的服务。我们可以根据客户的需求，为其量身定做解决方案，开发新产品，实现新应用。

Based on quartz and ceramics, after more than 20 years development, Highborn Group has grown up to a modern enterprise in research, manufacture, processing and sales. We are mainly supplying quartz glass, cuvette, precise ceramics, porous ceramics, thick film resistor, ozone generator, metal fiber felt and we have been offering our products and services to our clients from more than 105 countries or regions.

Highborn Group is paying great attention to the product quality and technology research all the time. We have passed ROHS, CE, MSDS tests and also the ISO9001 authentication. We have 8 registered trademark and 25 patents. Also in 2020, we won the title of China High-tech Enterprise and Jiangsu Private Science and Technology Enterprises.

We can offer not only qualified products, we can also supplying quality service including design, development, export and after sales. With our professional skills, advanced technology and quality material, we can design and develop new products or new applications according to the clients' expectation. We have custom-made new products and promoted the specifications for more than 1000 clients, and we have gotten good reputation from our clients.

1.理化仪器材质纯度高，化学稳定性好，具有优良的耐化学腐蚀性以及高的机械强度。

2. 耐高温好，耐热震性好，耐急冷急热性好，不易炸裂，高温环境下不变形。

3. 常温下为绝缘体，电阻率高，不吸粉尘，材料无磁。

4. 陶瓷材料表面平整光滑，蒸发浓缩液体，干燥固体物质。

5. 库存规格多样，也可以接受尺寸定制。

主要种类有各种热分析仪器用小坩埚、陶瓷坩埚、蒸发皿、漏斗、研钵、瓷管、瓷舟等。

广泛应用于各种实验室金属、非金属样品分析及熔料用。

1. Ceramic labware have high material purity, good chemical stability, excellent chemical corrosion resistance and high mechanical strength.

2. Good high temperature resistance, good heat shock resistance, good cold and heat resistance, it is not easy to crack, no deformation in high temperature environment.

3. Insulation at room temperature, high resistivity, no dust absorption, no magnetic material.

4. The surface of the ceramic material is smooth, and the concentrated liquid can be evaporated and the solid material can be dried.

5. Various stock specifications, also can accept size customization.

The main products are thermal analysis crucible, alumina crucible, mortar and pestle, porcelain evaporation dish, porcelain funnel, ceramic tube, porcelain boat etc, they are widely used in chemical laboratory, metal and non-metal sample analysis and fusion.



弧形常规款刚玉坩埚

Arc alumina crucible

容积（ml）Capacity	上口外径（mm）Top Diameter	底径（mm）Bottom diameter	总高（mm）Height
3ml	20	16	17
4ml	25	19	18
5ml	26	18	21
10ml	30	20	28
15ml	35	21	30
20ml	38	24	35
25ml	39	24	38
30ml	45	27	39
40ml	45	30	46
50ml	50	30	48
70ml	56	35	56
100ml	61	36	60
120ml	63	33	73
150ml	73	43	67
200ml	82	43	70
250ml	90	53	76
300ml	88	53	85
500ml	108	62	108
600ml	100	65	128
800ml	113	62	140
1300ml	135	83	150

容积（ml）Capacity	上口外径（mm）Top Diameter	底径（mm）Bottom diameter	总高（mm）Height
3ml	17	11	25
4ml	22	14	24
10ml	28	20	32
15ml	31	21	35
20ml	34	24	39
30ml	37	24	45
50ml	50	30	54
150ml	67	41	80
250ml	75	42	92
400ml	75	56	122
500ml	86	50	140



弧形细高款刚玉坩埚

Tall and Arc alumina crucible



圆柱形刚玉坩埚

Cylindrical alumina Crucible



热分析坩埚盖

With cover

直径 DIA
5mm
6mm
6.8mm

容积（ml）Capacity	上口外径（mm）Top Diameter	高度（mm）Height
140ml	40	150
125ml	41	137
50ml	42	52
75ml	45	65
130ml	45	110
200ml	45	150
15ml	47	13
170ml	48	120
40ml	50	30
60ml	50	50
85ml	50	60
120ml	50	80
150ml	50	100
220ml	50	150
5ml	54	8
220ml	55	120
180ml	59	87
80ml	60	40
120ml	60	60
200ml	60	100
250ml	60	120
400ml	66	150
170ml	70	70
300ml	70	100
400ml	70	120
80ml	75	27
300ml	80	80
500ml	80	130
800ml	80	200
750ml	88	150
120ml	90	35
250ml	90	60
450ml	90	90
300ml	95	60
200ml	100	35
600ml	100	100
800ml	115	110
1300ml	115	155
1500ml	125	150

容积（ml）Capacity	上口外径（mm）Top Diameter	高度（mm）Height
1.5ml	9	40
1ml	11	20
0.8ml	12	12
2ml	12	39
1.5ml	13	25
5ml	13	60
4ml	14	44
3ml	16	28
5ml	16	50
6ml	16	56
9ml	16	70
6ml	18	40
6ml	19	35
10ml	19	58
0.5ml	20	4
4ml	20	20
10ml	20	50
15ml	23	60
8ml	25	25
10ml	25	30
20ml	25	60
5ml	28	17
25ml	28	58
2ml	30	5
10ml	30	28
30ml	30	60
50ml	30	100
20ml	35	30
40ml	35	58
45ml	35	65
45ml	35	70
65ml	35	100
90ml	35	120
30ml	40	35
45ml	40	50
50ml	40	60
60ml	40	70
110ml	40	120



圆柱形刚玉坩埚

Cylindrical alumina Crucible



矩形刚玉舟尺寸表

rectangular alumina boat

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
30ml	150	20	20
270ml	120	80	40
180ml	120	80	30
200ml	120	60	40
70ml	120	60	20
30ml	120	30	15
15ml	110	24	17
400ml	100	100	50
100ml	100	50	30
50ml	100	40	20
55ml	100	30	30
35ml	100	30	20
20ml	100	20	20
5ml	100	10	10
150ml	90	90	30
110ml	90	65	30
150ml	90	60	40
80ml	90	60	20
35ml	90	30	20
3.5ml	80	10	10
60ml	75	75	15

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
15ml	75	20	20
10ml	75	18	14
60ml	70	50	30
3ml	70	12	7
25ml	60	40	20
30ml	60	30	30
20ml	60	30	20
15ml	60	30	15
18ml	52	25	23
40ml	50	50	25
20ml	50	40	20
25ml	50	25	35
5ml	50	25	10
8ml	50	20	20
4ml	50	20	10
2ml	50	10	10
0.8ml	45	8	6
10ml	40	30	20
5ml	30	20	17
3ml	25	15	15



氧化铝热分析坩埚
Thermal analysis crucible

直径×高度 DIA×H
5×2.5mm
5×4mm
5×5mm
5×8mm
6×4mm
6×4.5mm
6.4×8mm
6.5×4mm
6.8×4mm
7×4mm
9×4mm
10×10mm



矩形带孔刚玉舟尺寸表
rectangular alumina boat with hole

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
150ml	100	84	35
90ml	100	56	35
50ml	100	43	26
25ml	100	27	27
15ml	100	24	17
20ml	73	30	22



船形刚玉舟尺寸表
boat shape vessel

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
35ml	115	30	20
8ml/5ml	97	17	12
3ml/2ml	88	15	9
2ml/1.5m	77	13	8
2ml	60	11	8
0.8ml	44	11	8
3ml	43	11	11
1ml	40	10	7
0.8ml	39	10	6.5
0.3ml	27	7	6



半圆底刚玉舟尺寸表
round bottom alumina boat

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
90ml	250	40	18
60ml	150	40	20
100ml	100	65	30
80ml	100	50	30
50ml	100	40	25
40ml	100	40	20
30ml	100	30	20
20ml	100	20	20
12ml	100	20	15
10ml	65	25	16
35ml	60	54	24
20ml	55	35	22
15ml	50	40	20
15ml	40	35	25
8ml	40	25	17
12ml	38	34	18



圆板盖
round disc

直径（mm） Dia	厚度（mm） Thickness
21	2.2
33	2.2
50	3
55	4
65	4
100	4
110	3.5
125	4



梯形刚玉舟尺寸表
trapezoidal alumina boat

参考容积 Capacity	外长（mm） outer L	外宽（mm） outer W	总高（mm） Height
120ml	100	77	27
25ml	100	30	20
12ml	100	25	15
30ml	80	40	17
12ml	60	35	15
10ml	60	30	15
9ml	60	25	15
8ml	48	24	14
15ml	30	30	30
3ml	20	20	17



外扣盖（弧形、圆柱形刚玉坩埚配套使用）
lids for arc and Cylindrical crucible

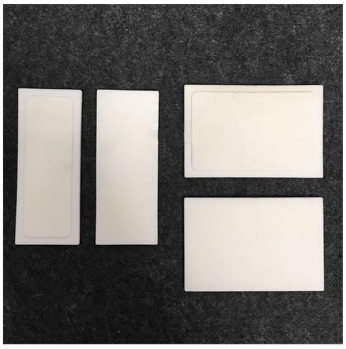
常规款弧形坩埚	外径 OD	内径 ID	总高 Height
4ml	20	17	4
4/5ml	30	26	5
10ml	36	33	4
15ml	41	38	5
20ml	44	41	5
25ml	46	42	5
30ml/40ml	51	47	8
50ml	58	54	5
100ml/70ml	69	63	11
150ml	82	76	11
200ml	89	83	15
250ml/300ml	100	93	17



内扣盖

inner buckle cover

大外径 D	小外径 d	台阶深度 Step depth	总高 Height
12	8.5	2.5	4.5
14	10	3.5	6
16	12	4	6.5
19	14.5	2	4
28	22	2	5
50	42	1	4
60	51	2	4
77	74	0.5	4
90	82	0.5	3
100	89	0.5	4.5
115	100	1	4
125	110	1	5.5



长方形盖板（内扣盖 带台阶）

rectangular alumina cover,inner buckle

外长 Outer L	外宽 outer W	内长 inner L	内宽 inner W	总高 Height
20	20	15	15	3
25	15	20	10	3
45	8	42	4.5	2.7
50	20	42	13	3.8
60	30	52	21	4
60	54	53	47	3.5
90	60	82	52	3.2
100	20	91.5	13	3
100	30	92	23	3.5
100	40	92.5	30	3.2
120	60	110	50	3.8

长 L	宽 W	厚 Thickness
10	10	1
50	40	3
50	50	3
100	50	3
100	100	4
120	80	4

长方形平板（无台阶）

flat plate



刚玉研钵
alumina mortar and pestle

外径 OD
60mm
80mm
100mm
130mm
160mm
225mm
150mm（无嘴款） no spout



99刚玉炉管
99%ALUMINA TUBE

规格 Specification
30×1000mm
35×1000mm
40×1000mm
45×1000mm
50×1000mm
60×1000mm
70×1000mm
80×1000mm
90×1000mm
100×1000mm



残炭坩埚
Residual carbon crucible

规格 Capacity
18ml 油田专用 oil field use



双层坩埚
double layer crucible

规格 Capacity
碳素分析 carbon analysis

常规陶瓷产品 conventional ceramic products



不带盖陶瓷坩埚

without cover

规格 Capacity
5ml
10ml
15ml
20ml
25ml
30ml
40ml
50ml
70ml
100ml
150ml
200ml
300ml
500ml

带盖陶瓷坩埚

with cover

规格 Capacity
5ml
10ml
15ml
20ml
25ml
30ml
40ml
50ml
70ml
100ml
150ml
200ml
300ml

机制刚玉挥发份坩埚

alumina volatile crucible

规格 Capacity
95瓷 20ml 95% alumina 33×18×40mm 15-20g

老款挥发埚

(盖子带排气槽)

old style volatile porcelain crucible(lid with air vent)

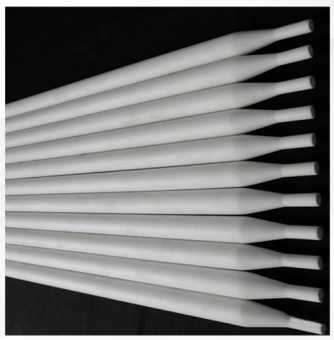
规格 Capacity
20ml
25ml
30ml



古氏坩埚(细孔坩埚)

Gooch crucible

规格 Capacity
30ml
50ml



锥管

conical tube

规格 Specification
600×21×17mm
540×22×18mm
600×22×18mm
600×25×20mm
600×27×23mm



普通瓷舟（燃烧舟）

porcelain combustion boat

规格 Specification
77mm
88mm
95mm
97mm



烧管

combustion tube

规格 Specification
600×21×17mm
600×25×20mm
600×27×23mm



素埚

unglazed porcelain crucible

规格 Capacity
40ml
50ml
300ml
500ml
750ml
1000ml



罗加坩埚

(粘结指数坩埚)

G index porcelain crucible

规格 Specification
40×40mm

常规陶瓷产品
conventional ceramic products



机制刚玉瓷舟
(1400℃ 95瓷)
95% alumina
combustion boat

规格 Specification
77mm
77mm
88mm
88mm



挥发份坩埚
volatile porcelain crucible

规格 Specification
20ml 33×18×40mm



灰皿
开口尺寸
Porcelain cupel

规格 Specification
45×22×14mm（陶瓷） porcelain
55×28×12mm（陶瓷） porcelain
60×30×15mm（陶瓷） porcelain
90×60×18mm（陶瓷） porcelain
120×60×18mm（陶瓷） porcelain
55×25mm 45×22×14mm （煤炭国标，95瓷机制） for coal use 95% alumina ceramic
60×30×15mm （煤炭常用，95瓷机制） for coal use 95% alumina ceramic
60×25×16mm （焦炭国标，95瓷机制） for coal use 95% alumina ceramic
95瓷 20ml 33×18×40mm 15-20g for coal use 95% alumina ceramic



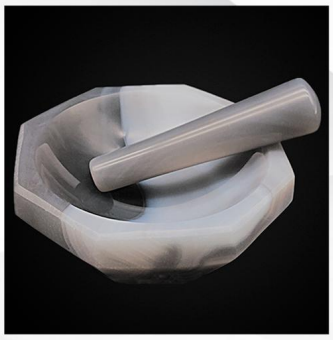
陶瓷蒸发皿
porcelain evaporating pan

规格 Capacity
35ml
40ml
50ml
60ml
75ml
100ml
125ml
150ml
200ml
250ml
300ml
400ml
500ml
750ml
1000ml
2000ml
3000ml
5000ml



平底圆柱皿
flat bottom

规格 Specification
52×14mm



玛瑙研钵
agate mortar

规格 Specification
50-130mm



布氏漏斗
buchner funnel

规格 Specification
25mm
40mm
50mm
60mm
80mm
100mm
120mm
150mm
200mm
250mm
300mm



莲蓬漏斗
lotus funnel

规格 Specification
120mm



柄皿
with handle

规格 Capacity
35ml
50ml
70ml
100ml
125ml
150ml
200ml
250ml
300ml
400ml
500ml
700ml
1000ml





陶瓷研钵

porcelain mortar and pestle

规格 Specification
60mm
80mm
90mm
100mm
130mm
160mm
216mm
254mm
305mm



瓷药勺

Porcelain medicine spoon

规格 Specification
140mm



碳硫坩埚

carbon sulfur crucible

规格 Specification
26*26mm
25*25mm



（点滴板）白反应板

white color

规格 Specification
2孔holes
6孔holes
12孔holes



黑反应板

black color

规格 Specification
6孔holes
12孔holes



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