



KINTEK SOLUTION

## Evaporation Crucible Catalog

Contact us for more catalogs of [Sample Preparation](#), [Thermal Equipment](#), [Lab Consumables & Materials](#), [Bio-Chem Equipment](#), etc...

# KINTEK SOLUTION

## COMPANY PROFILE

### >>> About Us

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

In the past 20 years, we earned rich experiences in this researching equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailored equipment according to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and South America, Australia and New Zealand, Middle East, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team members working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficient and reliable technology together!



## Evaporation Crucible For Organic Matter

Item Number: KME-YJG



### Introduction

An evaporation crucible for organic matter, referred to as an evaporation crucible, is a container for evaporating organic solvents in a laboratory environment.

[Learn More](#)

crucible size

13\*13mm / 18\*20mm / 25.4\*30mm / 25.4\*30mm / 10\*25mm

## Graphite Evaporation Crucible

Item Number: KME07



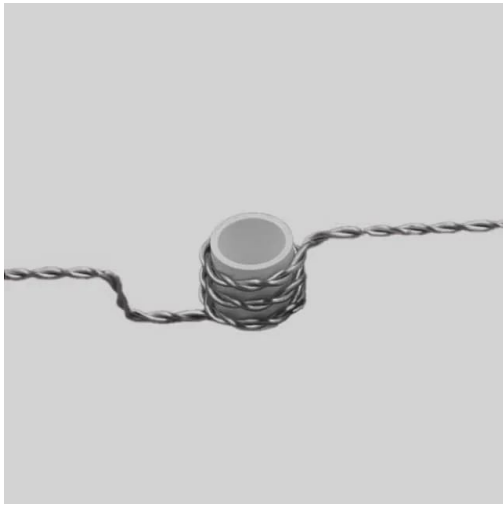
### Introduction

Vessels for high temperature applications, where materials are kept at extremely high temperatures to evaporate, allowing thin films to be deposited on substrates.

[Learn More](#)

## Ceramic Evaporation Boat Set

Item Number: KME09



### Introduction

It can be used for vapor deposition of various metals and alloys. Most metals can be evaporated completely without loss. Evaporation baskets are reusable.1

[Learn More](#)

Material	ceramic crucible / tungsten wire
Ceramic Crucible Size	0.25ml / 0.5ml / 1.0ml / 2.0ml / 3.0ml
Tungsten Wire Size	3*0.8 wire / 3*1.0 wire / 3*0.8 wire

# Electron Gun Beam Crucible

Item Number: KES01



## Introduction

In the context of electron gun beam evaporation, a crucible is a container or source holder used to contain and evaporate the material to be deposited onto a substrate.

[Learn More](#)

product	Molybdenum/Tungsten Crucible	Boron Nitride Crucible/Conductive Boron Nitride Crucible	Graphite Crucible/Coated Graphite Crucible	Pyrolytic Graphite Coated Crucibles	Nickel crucible	Titanium crucible	copper crucible	Alumina crucible
Specification	4CC / 7CC / 15CC / 25CC / 40CC	4CC / 7CC / 15CC / 25CC / 40CC	4CC / 7CC / 15CC / 25CC / 40CC	4CC / 7CC	4CC	4CC	4CC / 2CC / 40CC	4CC

## Electron Beam Evaporation Graphite Crucible

Item Number: KMS02



### Introduction

A technology mainly used in the field of power electronics. It is a graphite film made of carbon source material by material deposition using electron beam technology.

[Learn More](#)

Graphite Crucible Dimensions	35*17mm	35*22mm	40*20mm	42.5*19.5mm	45*22.5mm	50*25mm	65*30mm
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# Electron Beam Evaporation Coating Conductive Boron Nitride Crucible (Bn Crucible)

Item Number: KES03



## Introduction

High-purity and smooth conductive boron nitride crucible for electron beam evaporation coating, with high temperature and thermal cycling performance.

[Learn More](#)

Outer diameter	35mm	40mm	45mm	50mm	64.5mm
High	17mm	20mm	22.5mm	25mm	35mm



## Electron Beam Evaporation Coating Tungsten Crucible / Molybdenum Crucible

Item Number: KMS04



### Introduction

Tungsten and molybdenum crucibles are commonly used in electron beam evaporation processes due to their excellent thermal and mechanical properties.

[Learn More](#)

Outer diameter & High	30*15mm	34*20mm	35*17mm	40*17mm	42*19mm	45*22mm	50mm*22
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## Electron Beam Evaporation Coating / Gold Plating / Tungsten Crucible / Molybdenum Crucible

Item Number: KMS05



### Introduction

These crucibles act as containers for the gold material evaporated by the electron evaporation beam while precisely directing the electron beam for precise deposition.

[Learn More](#)

Molybdenum outer diameter & High	28*13.2mm	35*17mm	40*20mm	42*20mm	45*22mm	50*25mm
Tungsten outer diameter & High	28*13mm	35*17mm	40*19mm	42*20mm	45*22mm	50*25mm

# Electron Beam Evaporation Coating Oxygen-Free Copper Crucible

Item Number: KMS06



## Introduction

Electron Beam Evaporation Coating Oxygen-Free Copper Crucible enables precise co-deposition of various materials. Its controlled temperature and water-cooled design ensure pure and efficient thin film deposition.

[Learn More](#)

Outer diameter & High	35*17mm	40*17mm	45*22mm	50*25mm
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## Boron Nitride (Bn) Crucible - Phosphorous Powder Sintered

Item Number: KM-D01



### Introduction

Phosphorus powder sintered boron nitride (BN) crucible has a smooth surface, dense, pollution-free and long service life.

[Learn More](#)

Capacity and size (inner and outer diameter and height)

- 2ml(16\*12\*20mm)
- 3ml(20\*16\*18mm)
- 5ml(24\*20\*22mm)
- 10ml(28\*24\*30mm)
- 20ml(32\*26\*32mm)
- 50ml(47\*41\*45mm)
- 100ml(58\*50\*58mm)



## Kintek Solution

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