



KINTEK SOLUTION

## Pellet Dies 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!



# Cylindrical Press Mold

Item Number: PMC



## Introduction

Efficiently form and test most samples with Cylindrical Press Molds in a range of sizes. Made of Japanese high-speed steel, with long service life and customizable sizes.

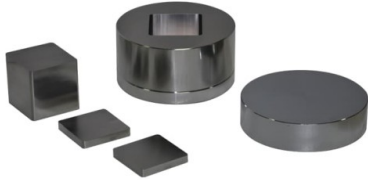
[Learn More](#)

Model	PMC-A	PMC-B	PMC-C	PMC-D	PMC-E	PMC-F	PMC-G
Material	ASSAB+17		Cr12MoV				
Indenter hardness	HRC68-HRC70		HRC60-HRC62				
Sample size	φ3 / φ4 / φ5 / φ6 mm	φ7 / φ8 / φ9 / φ10 / φ11 / φ11.5 / φ12 / φ12.7 / φ13 mm	φ15 / φ16 / φ18 / φ20 / φ22 / φ25 mm	φ28 / φ30 / φ32 / φ35 / φ40 mm	φ50 / φ60 / φ70 mm	φ80 / φ90 / φ100 mm	φ120 / φ150 mm
Cavity depth	20 mm	30 mm	40 mm	45 mm	55/60/65 mm	65 mm	65 mm
External dimensions	φ80×78mm	φ80×93mm	φ53×120mm	φ73×133mm	φ88×150mm/φ98×180mm/φ108×180mm	φ118×150mm/φ128×180mm/φ138×180mm	φ168×180mm/φ218×180mm
Weight(Kg)	0.55	0.67	1.34	2.9	5.1/7.3/9	11.5/14/20	30/40

**Other sizes can be customized**

# Square Lab Press Mold

Item Number: PMS



## Introduction

Create uniform samples easily with Square Lab Press Mold - available in various sizes. Ideal for battery, cement, ceramics, and more. Custom sizes available.

[Learn More](#)

Model	PMS-A	PMS-B	PMS-C	PMS-D	PMS-E	PMS-F	PMS-G
Material	Cr12MoV						
Indenter hardness	HRC60-HRC62						
Sample size	3×3 /4×4 /5×5 /6×6 /8×8 /10×10 mm	12×12 /15×15 /16×16 /18×18 /20×20 mm	22×22 /25×25 /30×30 mm	32×32 /35×35 /40×40 mm	50×50 /60×60 /70×70 mm		81-150 mm(long side)    151-200 mm(long side)
Cavity depth	20 mm	30 mm	40 mm	45 mm	55/60/65 mm		60 mm    60 mm
External dimensions	φ43×93mm	φ53×120mm	φ73×133mm	φ88×150mm	φ98×150mm/φ118×180mm/φ138×180mm		160×140mm    220×160mm
Weight(Kg)	0.65	1.2	2.4	4.8	7.3/11.4/20		25kg-40kg    45kg-80kg

**Other sizes can be customized**

## Assemble Lab Cylindrical Press Mold

Item Number: PMAC



### Introduction

Get reliable and precise molding with Assemble Lab Cylindrical Press Mold. Perfect for ultra-fine powder or delicate samples, widely used in material research and development.

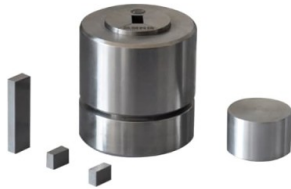
[Learn More](#)

Model	PMAC-A	PMAC-B	PMAC-C	PMAC-D	PMAC-E
Material	ASSAB+17	Cr12MoV			
Indenter hardness	HRC68-HRC70	HRC60-HRC62			
Sample size	φ3/φ4/φ5/φ6/φ8/φ10 mm	φ12/φ13/φ15/φ18/φ20 mm	φ30/φ40 mm	φ50/φ60 mm	φ70/φ80 mm
Cavity depth	30 mm	40 mm	50 mm	55 mm	60 mm
External dimensions	φ43×93 mm	φ53×120 mm	φ73×133/φ95×133 mm	φ115×150/φ127×150 mm	φ153×180mm/φ180×180 mm
Weight(Kg)	0.75	1.2	3.8/6.3	14/20	30/40

**Other sizes can be customized**

# Assemble Square Lab Press Mold

Item Number: PMAS



## Introduction

Achieve perfect sample preparation with Assemble Square Lab Press Mold. Quick disassembly eliminates sample deformation. Perfect for battery, cement, ceramics, and more. Customizable sizes available.

[Learn More](#)

Model	PMAS-A	PMAS-B	PMAS-C	PMAS-D	PMAS-E
Material	Cr12MoV				
Indenter hardness	HRC60-HRC62				
Sample size	3×3 /4×4 /5×5 /6×6 /8×8 /10×10 mm	12×12 /15×15 /18×18 /20×20 mm	30×30 /40×40 mm	50×50 /60×60 mm	70×70 /80×80 mm
Cavity depth	30 mm	40 mm	50 mm	55 mm	60 mm
External dimensions	φ53×120 mm	φ73×133 mm	φ95×133/φ115×133 mm	φ127×150/φ153×150 mm	φ180×180mm/φ200×180 mm
Weight(Kg)	1.2	3.6	7/14	20/30	40/50

**Other sizes can be customized**

## Carbide Lab Press Mold

Item Number: PMW



### Introduction

Form ultra-hard samples with Carbide Lab Press Mold. Made of Japanese high-speed steel, it has a long service life. Custom sizes available.

[Learn More](#)

Model	PMW-A	PMW-B	PMW-C
Material	Carbide YT15		
Indenter hardness	HRC85-HRC90		
Sample size	φ3 /φ4 /φ5 /φ6 /φ8 /φ10 mm	φ12 /φ13 /φ15 /φ18 /φ20 mm	φ22 /φ25 /φ28 /φ30 mm
Cavity depth	30 mm	40 mm	45 mm
External dimensions	φ43×93 mm	φ53×120 mm	φ73×133 mm
Weight(Kg)	0.78	1.8	3.8

**Other sizes can be customized**

# Cylindrical Lab Electric Heating Press Mold

Item Number: PMH



## Introduction

Efficiently prepare samples with Cylindrical Lab Electric Heating Press Mold. Fast heating, high temp & easy operation. Custom sizes available. Perfect for battery, ceramic & biochemical research.

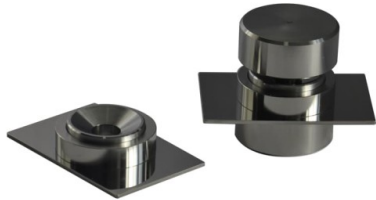
[Learn More](#)

Model	PMH-A	PMH-AG
Heating temp	300°C	500°C
Material	Cr12Mov	
Indenter hardness	HRC60-HRC62	
Sample size	φ10 / φ13 / φ15 / φ20 / φ30 / φ40 mm	
Cavity depth	45 mm	
External dimensions	φ78×138 / 90×138 mm	
Weight(Kg)	2.7	
<b>Other sizes can be customized</b>		



## No Demolding Lab Infrared Press Mold

Item Number: PMI



### Introduction

Effortlessly test your samples with no demolding required using our lab infrared press mold. Enjoy high transmittance and customizable sizes for your convenience.

[Learn More](#)

Model	PMI-A	PMI-B
Material	Carbide YT15	
Indenter hardness	HRC85-HRC90	
Sample size	φ13 mm	φ7 mm
Cavity depth	10 mm	5 mm
External dimensions	76×50×70 mm	76×30×70 mm
Weight(Kg)	0.75	0.35

**Other sizes can be customized**

## Lab Infrared Press Mold

Item Number: PMID



### Introduction

Easily release samples from our lab infrared press mold for accurate testing. Ideal for battery, cement, ceramics, and other sample preparation research. Customizable sizes available.

[Learn More](#)

Model	PMID-A
Material	Carbide YT15
Indenter hardness	HRC85-HRC90
Sample size	φ13 mm
Cavity depth	20 mm
External dimensions	φ43×78 mm
Weight(Kg)	0.76

**Other sizes can be customized**

# Xrf Boric Acid Lab Powder Pellet Pressing Mold

Item Number: PMXB



## Introduction

Get accurate results with our XRF Boric Acid lab Powder Pellet Pressing Mold. Perfect for preparing samples for X-ray fluorescence spectrometry. Custom sizes available.

[Learn More](#)

Model	PMXB-A
Material	Cr12MoV
Indenter hardness	HRC60-HRC62
Sample size	φ32 / φ40 mm
Cavity depth	45 mm
External dimensions	φ73×133 mm
Weight(Kg)	3.2

**Other sizes can be customized**

## Xrf & Kbr Steel Ring Lab Powder Pellet Pressing Mold

Item Number: PMXS



### Introduction

Produce perfect XRF samples with our steel ring lab powder pellet pressing mold. Fast tableting speed and customizable sizes for accurate molding every time.

[Learn More](#)

Model	PMXS-A
Material	Cr12MoV
Indenter hardness	HRC60-HRC62
Sample size	φ32 / φ40 mm
Cavity depth	45 mm
External dimensions	φ73×133 mm
Weight(Kg)	3.2

**Other sizes can be customized**

# Xrf & Kbr Plastic Ring Lab Powder Pellet Pressing Mold

Item Number: PMXP



## Introduction

Get precise XRF samples with our plastic ring lab powder pellet pressing mold. Fast tableting speed and customizable sizes for perfect molding every time.

[Learn More](#)

Model	PMXP-A
Material	Cr12MoV
Indenter hardness	HRC60-HRC62
Sample size	< $\phi$ 50 mm
Sample thickness	0.02-0.1 mm
External dimensions	$\phi$ 200x50 mm
Weight(Kg)	3

**Other sizes can be customized**



## Kintek Solution

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