

# *Theta Vacuum Cold Mounting Machine*

MOUNTING

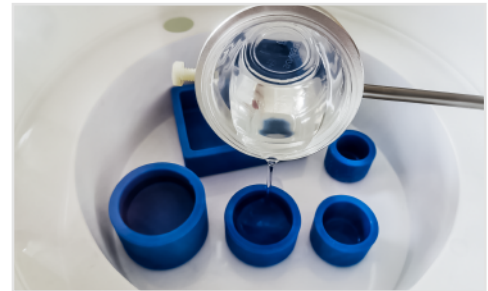


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05 / 22

# Theta Vacuum Cold Mounting Machine

Theta Vacuum is a cold mounting machine that has integrated a vacuum pump and a vacuum device. It can ensure that the specimen does not contain air bubbles during the mounting process, while ensuring the rapid curing of cold mounting on epoxy resins, without affecting the physical and chemical properties of the resin and curing agent at all. This machine is suitable for fast mounting of epoxy resins and makes high quality samples.



## Features:

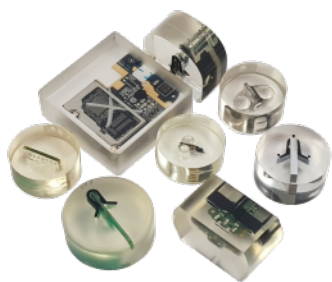
- ◆ The irritating odor produced during the polymerization process can be minimized since the whole process is operated in a separate closed container;
- ◆ Operates in a vacuum environment to avoid the generation of air bubbles during the polymerization process, especially suitable for cold mounting of porous samples;
- ◆ The whole process is visible and easy to operate due to transparent cover design;
- ◆ Large built-in space can meet the needs of various specifications of sample mounting.



## Technical Specifications:

Model	Theta Vacuum
Vacuum chamber diameter	250mm
Vacuum chamber	9.2Liter
Mounting way	Filling with a telescopic rod
Vacuum	50Pa
Noise	<50dB
Voltage	AC 220V, 50HZ
Power	370W
Dimesion (WxDxH)	Φ300x300mm(Vacuum chamber)
Weight	1kg (Vacuum chamber)

## Related Consumables & Accessories:



Cold Mounting System



Silicone Mold Cups



Sample Support Clip

## Technical Specifications:

1	Enlarged base plate			1pc
2	Disposable paper cup			5pcs
3	The stirring rod			5pcs
4	Disposable pouring pipe			5pcs
5	Power cable		220V, 10A, 1.5M	1pc

## Purchase list:

### Cold Mounting System:

02.03.411/421	TJ 2210A Acrylic Resin (General type)	1kg/2.5kg
02.03.412/423	TJ 2210B Curing agent	800ml/2000ml
02.03.511	TJ 2800A Acrylic Resin (High hardness)	1kg
02.03.512	TJ 2800B Curing agent	1000ml
02.04.871	TJ 2228A Epoxy Slow	2kg
02.04.872	TJ 2228B Curing agent	1kg
02.04.721	TJ 2221A Epoxy King	2kg
02.04.722	TJ 2221B Curing agent	1kg

### Sample Support Clip:

07.01.010/012	Plastic Coil Clip,6*100mm	100pcs/1000pcs
07.01.016/017	Stainless Steel Clip,7*120mm	100pcs/1000pcs
07.04.010/012	T Black Plastic Clip,10*9*13mm	100pcs/500pcs
07.03.010	T White Plastic Clip,10*9*13mm	100pcs
07.05.001	S Black Plastic Clip,20*10*8mm	100pcs

### Mounting Cups:

2-Part Mounting Cups (Separate Firm Molds)	08.02.002	Φ25*20mm	10pcs
	08.02.004	Φ30*23mm	
	08.02.006	Φ32*25mm	
	08.02.008	Φ40*27mm	
Silicone Mold Cups (Silicone)	08.02.018	Φ20*18mm(depth)	10pcs
	08.02.020	Φ25*18mm(depth)	
	08.02.022	Φ30*18mm(depth)	
	08.02.030-1	Φ40*25mm(depth)	
	08.02.050	50*70*20mm(rectangle)	
08.02.058	180*106*30mm(rectangle)		
Teflon Mold Cups (Teflon,easy release)	08.02.110	Φ25	1pc
	08.02.120	Φ30	
	08.02.132	Φ40	



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