

Cast N' Vac

Castable Vacuum Systems



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The Cast N' Vac castable vacuum systems are vacuum impregnation systems for use with epoxy mounting. The Cast N' Vac removes trapped air from mounting material, and fills voids in the specimen. This enhances edge retention and supports delicate and friable samples

Cast N' Vac Vacuum System

- Compact, single sample vacuum system
- Built in vac- pump and gauge
- Convenient feed tube for epoxy after pumping down
- Silicone stopper, epoxy supply tubes (5)

(Includes [1] hose clamp, [1.25"] removable recessed disc, [1.25"] 5 Phenolic Ring Forms, [5] paper measuring ring cups, [5] wooden stir stick, and operations manual.)

Part Number	Voltage/Frequency
20-3510-160	115VAC, 60Hz
20-3510-250	220VAC, 50Hz

Accessories

- 20-3518 Silicon Stopper
- 20-3519 Hose Clamp
- 20-3520 Epoxy Supply Tubes (qty 100)

Instructions

- Place the specimen molds within the vacuum chamber
- Place the vacuum chamber cover onto the base, and pump down for 5 minutes
- After the mounting compound is mixed, slide the mixing cup into the cup holder
- Place the feed tube into the mixed compound and release the valve to dispense into cup, until desired fill level
- Once cast, hold for one (1) minute, then vent to atmospheric pressure
- Open the chamber, remove the mount and allow to cure normally



Cast N' Vac 1000 Vacuum System

- Large chamber for multiple samples
- Unique tilting dispensing mechanism
- Built-in synchronous motor and rotating turn table

(Includes hoses, filtering flask, glass tubing, rubber stopper, [100] graduated paper cups, [12] SAMPL-KUPS, [100] vacuum table liners, and Drierite dehydrating agent and vacuum pump)

Part Number	Voltage/Frequency	Region*
20-1382-160	115VAC, 60Hz	
20-1382-250	220VAC, 50Hz	
20-1382-250E	220VAC, 50Hz	2, 3

*Refer to regional maps in footer for product availability

Accessories

- 20-2835 Drierite Dehydrating Agent
- 20-2845 Vacuum Table Liners (qty 100)

Instructions

- Place the specimen molds on the rotating turn table within the vacuum chamber
- After the mounting compound is mixed, slide the mixing cup into the cup holder
- Place the vacuum chamber cover onto the base
- Pump down to the recommended vacuum of 26" Hg. (55 Torr)
- Pour the mounting compound into the mold and then use the control switch to advance the rotary table to the next mold
- Once cast, hold for one (1) minute, then vent to atmospheric pressure;
- Open the chamber, remove the mounts and allow to cure normally



Castable (Cold) Mounting Compounds

EPOXY SYSTEMS

EpoxiCure™ 2

Resin	Hardener
20-3430-064 64oz [1.9ℓ]	20-3432-016 16oz [0.48ℓ]
20-3430-128 1gal [3.8ℓ]	20-3432-032 32oz [0.95ℓ]

EpoThin™ 2

Resin	Hardener
20-3440-032 32oz [0.95ℓ]	20-3442-016 16oz [0.48ℓ]
20-3440-128 1gal [3.8ℓ]	20-3442-064 64oz [1.9ℓ]

EpoHeat™ 2

Resin	Hardener
20-3420-064 64oz [1.9ℓ]	20-3422-016 16oz [0.48ℓ]

EpoKwick™

Resin	Hardener
20-8136-128 1gal [3.8ℓ]	20-8138-032 64oz [1.9ℓ]

Kits

Small
20-8128 (includes 32oz [0.95ℓ] resin, 8oz [0.24ℓ] hardener, 20 paper cups, 20 stirring sticks and 12 -1.25in SamplKups)

Large

20-8129 (includes 128oz [3.8ℓ] resin, 32oz [0.95ℓ] hardener)

EpoColor™

Resin	Hardener
20-8143-032 32oz [0.95ℓ]	20-8144-008 8oz [0.24ℓ]

Castable (Cold) Mounting Supplies

	Quantity	Catalog Number	Size
Release Agent		20-8185-002†	2oz [6mℓ]
		20-8185-008†	8oz [237mℓ]
		20-8185-016†	16oz [470mℓ]
		20-8185-032†	32oz [950mℓ]
SamplKup™	12	20-9178	1in
		20-8180	1.25in
		20-9181	1.5in
		20-9184	2in
		20-9177	25mm
		20-9179	30mm
		20-9182	40mm
Disposable Mounting Cups	50	20-9183	50mm
		20-8280	1in
		20-8281	1.25in
		20-8282	1.5in
EPDM Mounting Cups	5	20-8283	2in
		20-8181	1in
		20-8182	1.25in
EPDM Rectangular Molds	1	20-8183	1.5in
		20-8184	2in
		20-6185	2.5 x 1.4 x 1.8in [63 x 25 x 46mm]
Ring Forms	100	20-6186	6 x 4 x 2in [150 x 100 x 50mm]
		20-6187	6 x 3 x 1in [150 x 76 x 25mm]
		20-8151-100	1in
Silicone Molds	1	20-8152-100	1.25in
		20-8153-100	1.5in
		20-8154-100	2in
Paper Cups	100	20-8483	60mm
		20-8484	55 x 30 x 22mm
		20-8485	70 x 40 x 22mm
Stirring Sticks (wooden)	1000	20-8177-100	5 oz [148mℓ]
	100	113030	150mℓ
Wall Holder for 113030		113031	

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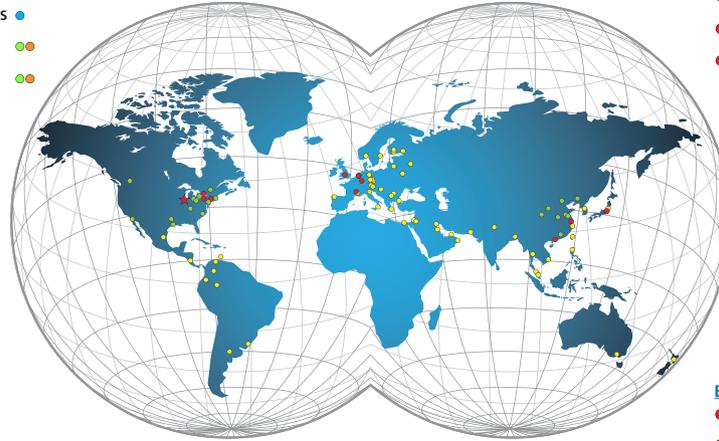
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