

# Mini Capsules for

Laboratory Mice, Rats, Hamsters & Guinea Pigs



- Ideal for materials that are insoluble, form poor suspensions, are affected by excipients
  or are odorous and distasteful, e.g., sustained release beads, paint flakes, chromic oxide
  marker.
- · For capsule size, species, weight, and lower GI drug delivery size see table below
- Capsule holders available for dip coating in enteric solutions. Capsule sinkers available for testing in disintegration test apparatus.
- Size 9 can be used for intra-colonic delivery via rectal insertion in rats >200-250g.
- Save time and money by eliminating validation of suspension / solution homogeneity.
- · Eliminate effect of excipients on absorption.

#### Fill Materials:

Dry materials in any form (powder, beads, crystals, paint flakes), pastes, and non-aqueous liquids.

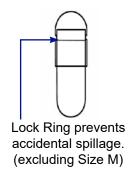
## **Dosing Time & Acceptance:**

- < 1 min. (30-45 minutes for 60 rats).
- > 98% successful dosing after minimal experience (3-4 placebo doses per rat).

### Disintegration Time:

Lower GI Drug Delivery:

Within 10 minutes in stomach. See below.



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Capsule Size	Size M	Size 9h	Size 9	Size 9el
Species & Weight	Mice 25g+	Rats 150g+ Hamsters 150+	Rats 200g (150g min.) Guinea Pig 300g+	Rats 200g+
Species & Weight Lower GI Delivery	Mice 30g+	Rat 150g+ Hamster 150g+ Guinea Pig 300g+	Rats 200g+ Guinea Pig 300g+	Not Applicable
Capsule Body Capacity	0.004ml	0.013ml	0.025ml	0.08ml
Fill Weight*	4mg	13mg	25mg	80mg
External Diameter Maximum	1.27mm	2.69mm	2.70mm	2.70mm
Length When Locked Maximum	8.4mm	5.1mm	8.4mm	23.0mm
Surface area locked capsule (±3) for enteric coating	31mm²	43mm²	69mm²	Not Applicable
Weight Empty (Cap & Body) Average <sup>†</sup>	~2mg	6mg	10mg	21mg
Colors Available	White	Clear or White	Clear or White	Clear or White

<sup>\*</sup>Materials with density 1g/ml

**Rodent Dosing Kit** 

**Multi-Filler** 

**DESIGNED & MANUFACTURED BY:** 







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Rodent Flyer 1801

For a specific net fill weight tare the weight of each capsule body individually and then fill or use a pre-weighed amount of powder for each capsule.



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Practical Guide on Rodent Capsules, Applications, Accessories & How to Dose Instructions www.torpac.com/rodent/



Reference: "A Simple Method for Administration of Drugs in Solid Form to Fully Conscious Rats," Lax, E.R., et al, Laboratory Animals (1983) 17, 50-54.

Actual Size

	0				
Item Description		Size M	Size 9h	Size 9	Size 9el
Capsule Kit	Includes Dosing Applicator with Plunger, Funnel with Stand, "How to Dose" Video CD and capsules. See size for quantity.	362.50 X-M Kit (50 Capsules)	535.00 X-9h Kit (100 Capsules)	535.00 X-9 Kit (100 Capsules)	755.00 X-9el Kit (100 Capsules)
Capsules	Size 9, 9h & 9el are Lock- Ring capsules. Size M are Friction Fit Capsules See size for quantity.	172.50 A-M WH02 (50 Capsules)	345.00 A-9h CT (100 Capsules)	345.00 A-9 CT (100 Capsules)	565.00 A-9el CT (100 Capsules)
Stainless Steel Dosing Applicato w/ Luer lock design	or If dosing multiple animals, order additional syringes to allow them to dry between animals.	95.00 X-M Syringe	95.00 X-9h Syringe	95.00 X-9 Syringe	95.00 X-9el Syringe
Stainless Steel Filling Funnel	Includes: Funnel, Tamper & Stand. For precision filling on a balance.	95.00 X-M Funnel	95.00 X-9h Funnel	95.00 X-9 Funnel	95.00 X-9el Funnel
Multiple Capsule Filler	Includes: Filler, Tamper & spreader. Fill 40 capsules at a time within ± 7-10% of average weight.	Not Available	Not Available	435.00 X-9 Filler	435.00 X-9el Filler
Holder	Holds six capsules for enteric coating.	40.00 X-M Holder	Under Development	40.00 X-9 Holder	Not Available Enteric Coated 9el will not pass through to lower intestine.
Capsule Sinker	For determining dissolution time for a capsule.  www.torpac.com/sinkers for sinker dimensions	25.00 X-M Sinker	25.00 Use X-9 Sinker	25.00 X-9 Sinker	25.00 X-9el Sinker

Payment Terms: Net 30 days for established customers who issue a purchase

order. New customers can pay by credit card, wire transfer or

certified check.

Delivery: 1 - 2 Business days

Freight Terms: FOB Fairfield, NJ



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