

- 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).

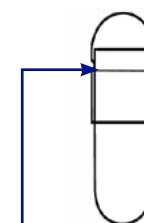
> 98% successful dosing after minimal experience (3-4 placebo doses per rat).

Disintegration Time:

Within 10 minutes in stomach.

Lower GI Drug Delivery:

See below.



Lock Ring prevents accidental spillage. (excluding Size M)

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	31mm ²	43mm ²	69mm ²	Not Applicable
Weight Empty (Cap & Body) Average [†]	~2mg	6mg	10mg	21mg
Colors Available	White	Clear or White	Clear or White	Clear or White

*Materials with density 1g/ml

[†]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.

Rodent Dosing Kit

Multi-Filler

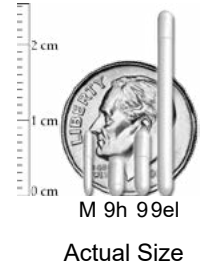
DESIGNED & MANUFACTURED BY:











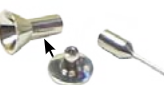



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Practical Guide on Rodent Capsules,
Applications, Accessories & How to Dose Instructions
www.torpac.com/rodent/



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.

 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 Applicator  w/ Luer lock design	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