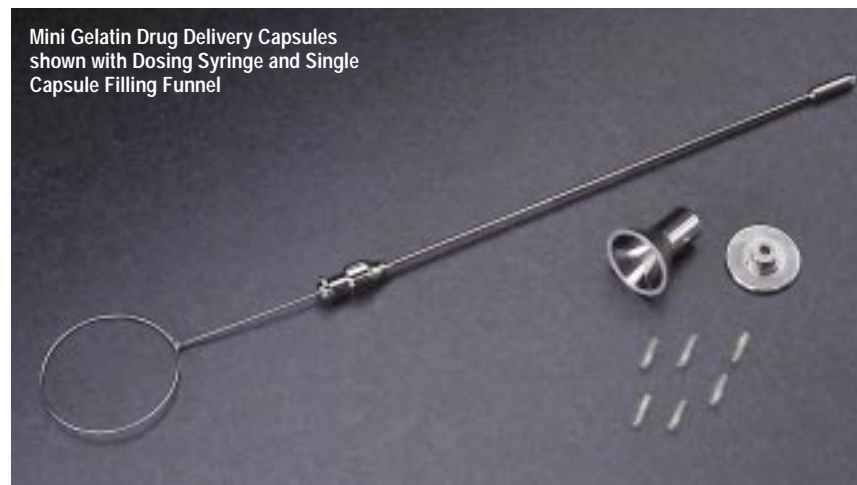


## Mini Gelatin Drug Delivery Capsule



This is the only Capsule on the market today that is small enough for dosing rats. It is also suitable for guinea pigs. It is ideal for the delivery of dry materials (powder, beadlets, crystals, paint flakes, etc.), pastes, and non-aqueous liquids. They can also be used to encapsulate and dose materials that are insoluble, form poor suspensions, are effected by excepients, or are odorous and distasteful to the animal. The capsules are made from hard gelatin. It is the same process and substance used for capsule manufactured for human use. They meet all FDA standards as well as USA, European, and Japanese Pharmacopeia standards.

### Easy to Fill

The small size capsule is filled with the desired substance using the convenient filling funnel. Simply place the capsule body into the holder, place the funnel over the holder and fill. They can be filled either with a premeasured dose or by weight. To fill by weight, simply place the whole setup on a precision balance prior to filling. Tare it and then fill the capsule. When the desired amount of the substance is in the capsule, remove the funnel and place the capsule cap onto the body.

- New mini size is the only available gelatin capsule small enough for use with rats
- Ideal for encapsulating and dosing materials that are insoluble, form poor suspensions, are effected by excepients, or are odorous and distasteful to the animal
- Saves time and money by eliminating validation of suspension/solution homogeneity
- Excellent alternative to gavage
- Release of dose within 10 minutes of reaching stomach
- For use with
  - Rats that are 200 grams and larger
  - Guinea pigs that are 300 grams and larger
- Oral delivery of dry materials (powder, beadlets, crystals, paint flakes), pastes, and non-aqueous liquids
- With enteric coating it is suitable for lower GI drug delivery in guinea pigs

### Simple Delivery

Delivery of these capsules is simple and easy. The filled capsule is placed in the dosing syringe. The delivery tube of the dosing syringe is inserted into the animal's esophagus. When in place, the syringe plunger is pressed and placement of the capsule is complete. Regardless of the location of the capsule in the esophagus, provided normal peristaltic action occurs, the

capsule will reach the stomach and then discharge its contents within 10 minutes. The capsules may also be used for dosing rectally, vaginally, or subcutaneously.

These Drug Delivery Capsules are clear and supplied in a package of 100. The dosing syringe and filler funnels must be purchased separately.

### Specifications

Fill Material	Dry materials (powder, beadlets, crystals, paint flakes), pastes, non-aqueous liquids
Capsule Capacity	Holds 25 mg per capsule with a density of 1 g/ml
Capsule Disinteg. Time	Within 10 minutes of reaching the stomach
Capsule Dimensions:	
Max. External Diameter	2.65 mm
Max. Length Closed	8.4 mm
Average Weight	9 mg with cap and body
Dosing Time	< 1 min per animal
Acceptance	> 98% successful dosing after minimal experience (3 to 4 placebo doses per rat)

Catalog No.	Product
CGS 8845.64	Drug Delivery Capsule, Clear, pkg. of 100
CGS 8846.64	Dosing Syringe for Drug Delivery Capsule, pkg. of 1
CGS 8847.64	Single Capsule Filling Funnel, pkg. of 1
CGS 8848.64	Multiple Capsule Filler, pkg. of 1