

The Udderly EZ milk and colostrum extraction cylinders come in two sizes: a #1 Small to accommodate small or maiden mares, llamas, sheep, goat, cattle, etc.; and a #2 Large for older or large breed mares, cattle, etc. **Please note that there are 2 sizes of silicone inserts and two sizes of rubber inserts for cows that are available for each size extraction cylinder. These inserts accommodate smaller teat sizes, and simply slide into the #1 and #2 extraction cylinders, snapping over the top lip.** The top of the collection cylinder has been specially designed to fit the unique shape of an animal's udder and has a rolled surface to prevent harm to the udder. This unit has been designed and tested over a five year period with input and endorsements from many leading equine veterinarians, herd masters and breeding farm professionals.

The UDDERLY EZ MILKER will give you superior performance and reliability in the extraction of milk and colostrum for:

- feeding a newborn
- collecting milk or colostrum from a newborn's mother or nurse animal for immediate use
- collecting milk or colostrum from a newborn's mother or nurse animal for storage in a milk/colostrum bank regular milking of animals

All of the above can be accomplished with a minimum of effort and a great degree of safety. Please follow these easy steps in the assembly and operating procedures of the UDDERLY EZ MILKER.

EZ ASSEMBLY

1. Align the tapered end of the bottle connector with the insertion hole on the pump and connect the two; the pieces will lock together.
2. Screw the clear plastic bottle with the rubber O-ring onto the cylinder; this must be a snug fit to prevent any air leakage.

WARNING: DO NOT screw collection bottles onto collection tubes when tubes are attached to the pump connector. Tightening the bottle while the extractor is clipped to the pump causes undue pressure on the parts, and may break the clips. Screw collection bottles and collection tubes together **FIRST**, then connect them to the pump.

3. Grasp the pump and slide the bottle connector clips between the guide ridges on the collection cylinder; the pieces will lock together.
4. As a precaution, gently squeeze the cylinder and pump together to insure a solid seat of the two units.
5. Place the mouth of the extractor against the heel of your hand and pump to make sure pump is creating necessary vacuum. If vacuum is not created, repeat Steps 2 and 4, above.



Shown with cow milker



Small insert goes into #1 cylinder
Large insert goes into #2 cylinder

Shown with Sheep & Goat Insert

CLEANING THE UDDERLY EZ MILKER

Clean the milker as soon as possible after each use. The pump portion of the milker readily snaps on and off, allowing the milker units' parts to be easily cleaned. After each use, the collection extraction cylinder and plastic collection bottle should be immersed in a warm water cleaning solution. You may add a disinfectant or sanitizer or a small amount of chlorinated cleaner or bleach (no more than 1 part bleach per 10 parts water). Clean and RINSE THOROUGHLY and allow to dry. You can clean all of the outside of the milker with Udderly EZ Wipes. **NOTE: Never boil any of the plastic collection bottles. Boiling will untemper them, and render them useless. Boiling is unnecessary with proper sanitization.**

NEVER PUT THE BOTTLES IN A DISH WASHER.

Remember that the black O-ring must be returned to the lip of collection bottles after cleaning.

THE UDDERLY EZ MILKER WILL NOT WORK WITHOUT THE O-RING.



CLEANING PUMP IF COLOSTRUM GETS INSIDE

In the event that you get colostrum or milk inside the pump assembly, you should clean it as soon as possible. Immerse only the vacuum port in a mild soap and water cleaning solution (pH 7-8). Pump the cleaning solution through the pump until the colostrum or milk is cleaned out. Wipe dry and suction air through to dry the pump internally. Never let the pump sit overnight or for long periods of time if it has been contaminated with colostrum or milk. Colostrum is very thick and sticky and can ruin the pump assembly if it is allowed to set up. Two tablespoons of baking soda into the warm water and pump it thru the pump, then rinse and let dry.

THAWING FROZEN COLOSTRUM

Never use a microwave oven to thaw out frozen colostrum as it will destroy the antibodies. Place the colostrum bottle in a basin of

THE MILK OR COLOSTRUM EXTRACTION PROCESS



1. Always clean the udder area, using the Udderly EZ Wipes provided in your kit, to remove any accumulated dirt and bacteria.
2. Gently remove the wax plug from the end of the teat so it does not drop into the bottle.
3. Manually strip each teat at least twice to get a good flow of milk started.
4. Place the cylinder directly over the teat and gently lift the pump unit against the udder.
5. Squeeze the handle at least 2-3 times, this will start the vacuum seal process, locking the unit onto the animal's udder. You may want to hold bottle with free hand and tilt outward or away from hand trigger until sealed.
6. As soon as the milk flow starts, **stop pumping!** When the flow slows or stops, start pumping again. You may need to repeat this sequence 3-4 times. When the flow stops, or you have collected an appropriate amount of liquid, stop and go to the next teat.
7. To release the vacuum on the pump, push bottle backwards toward hand trigger to release vacuum lock. Do not pull pump off udder.
8. The first milking will generally collect between 8-12 ounces, although this may vary with each animal species or breed.
9. If the mother does not let her milk down immediately, you may have to massage her udder gently to get the flow started.
10. Do not overfill the collection bottle, only fill to the indicated line on the bottle. Never tilt pump backwards. This will allow the milk or colostrum to run into the air intake hole and damage the diaphragm in the pump.
11. Pour the collected milk or colostrum into a 10 – 16 oz. plastic soda bottle and attach the nipple supplied in the kit to bottle feed the baby; or pour the collected milk or colostrum into the extra collection bottle and apply the white cap with seal top for freezing. Be sure to label with mother's name and date collected, or other storage information as you may find appropriate.