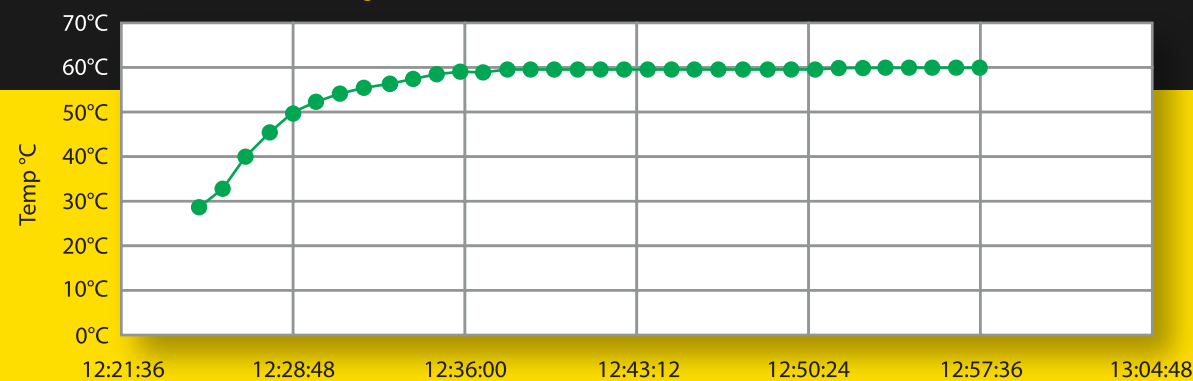


## STORE & THAW PASTEURISATION

The waterbath is capable of maintaining a steady 60°C for 60 minutes. Some farms with disease issues may wish to discuss the pros and cons of pasteurisation with their Vet. Please call for further information.

Digital thermostat maintains a constant 60°C



For further information and list of merchants please visit our website [www.pyonproducts.com](http://www.pyonproducts.com) or call 01432 830409

## FIRST FEED GUARANTEED!



The Award Winning **STORE & THAW COLOSTRUM MANAGEMENT SYSTEM** allows efficient collection of colostrum so that it can be tested and frozen for future use. It then allows the colostrum to be thawed quickly without damaging the valuable immunoglobulins.

Delivery is **ON TIME** before the calf's gut lining closes down.



## STORE & THAW SCREW TOP BAGS

Our massive, transparent, 5 litre multi-layered plastic bags with welded seams provide hygienic storage. The screw top prevents leakage during thawing. The wide mouth allows quick filling.

## STORE & THAW STORAGE KIT CONTAINS

- Brix Refractometer
- Store & Thaw 5 litre Colostrum bags and screw caps x 40
- Store & Thaw stainless steel filling bracket (wall mounted)
- Jug & Funnel with wide bore
- Freezer labels x 150
- Pen
- Plastic freezer baskets x 2
- Thermometer
- Laminated instructions



## STORE & THAW WATER BATH



Is an insulated tank with a lid. It has a thermostatically controlled heater and agitator designed to thaw and warm colostrum without damaging the delicate immunoglobulins. It can thaw up to 16 L per hour.

## STORE & THAW THAWING BATH COMPRISES

- Double walled, insulated plastic water bath with drainage tap and lid.
- 2 stainless steel baskets capable of handling up to 2 x 4 litres of frozen colostrum
- Water heater controlled by digital thermostat accurate to within 0.3 °C
- Audible timer
- Circulator to eliminate 'hot spots'
- Mobile pocket timer



The **STORAGE KIT** has everything you need for fast, efficient collection & handling of colostrum, so that it can be tested for quality, and frozen for future use.

## WHY HARVEST & FREEZE COLOSTRUM?

Calves acquire passive immunity from their dam's colostrum and without it they are vulnerable to disease, leading to poor growth and poor performance. Sometimes calves don't get enough colostrum because they can't suckle, or there is insufficient good quality colostrum available.

Dairy farms with a Johne's Control Programme will need to discard diseased colostrum and require some healthy colostrum as a substitute. This has to be easily accessible and easily heated up for a quick delivery.

- More colostrum - means less calf hood disease
- More colostrum - means faster growth
- More colostrum - means higher yielding heifers
- More colostrum - means more pregnant heifers

## The 4 rules are: QUANTITY, QUALITY, QUICKLY & KEEP IT CLEAN!

### QUANTITY...



Feed 10% of bodyweight in the first 6 hours of life ie 4 litres for a 40kg calf. We recommend a 4 litre Speedyfeeder with a teat or oral tube. The valve can be altered for a slow drinker.

### QUALITY...



The best quality colostrum is produced within 2 hours of birth, 'Good' quality is indicated by 'Green' on a colostrometer, or values exceeding 22% on a 'Brix' Refractometer. Only 'Good' quality should be used and stored for newborn calves.

### QUICKLY...



The calf's gut lining is 'open' for the first few hours after birth and able to absorb antibodies. Within 6 hrs it starts to close down and absorption is reduced. The calf needs to be fed as soon as possible after birth. Thawing QUICKLY slows bacterial growth while in the water bath. Thawing in 15 mins is a good target.

### KEEP IT CLEAN!



Colostrum is an ideal medium for bacterial growth. Sanitising the cow's teats, and feeding immediately, is good practice. Or cool quickly, to limit bacterial growth, test and freeze the excess for future use. The calf benefits from a good start, whatever time it is born, and the farmer benefits from a better lifestyle, establishing a good protocol throughout the day and night.



Livestock Machinery and Equipment Award 2016 WINNER