

Surepulse inserts and what they do.

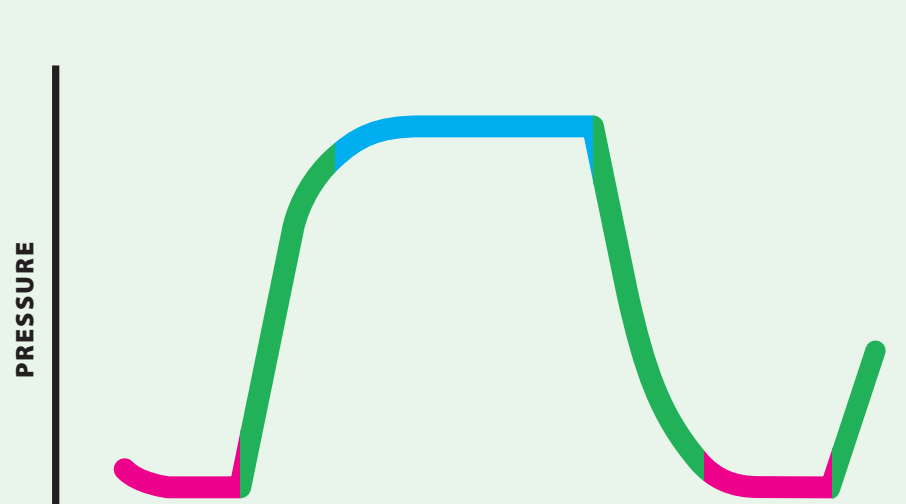
surepulse™
for Precision Milking

Surepulse inserts control the movement of the liner wall

- Improve pulsation curves
- Limit liner distension
- Soften the movement of the liner
- Surepulse can fit nearly every installation



Are these ISO standards enough?

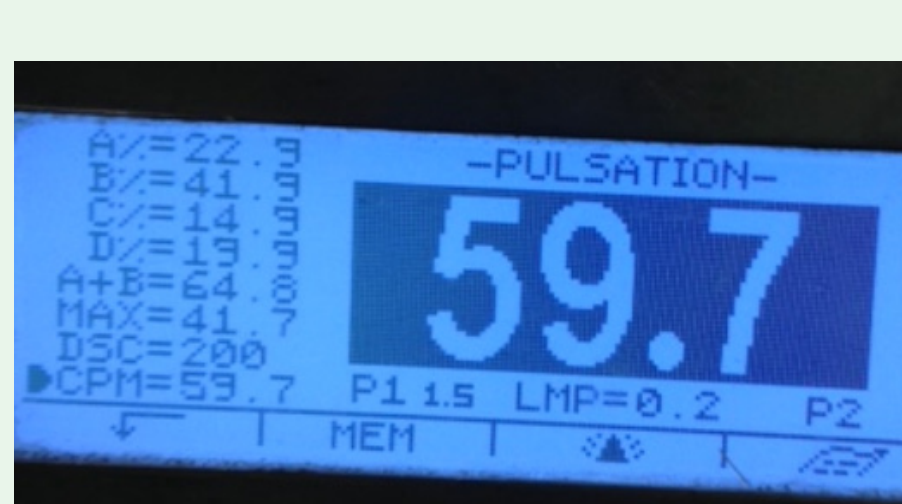


B-Phase

Minimum
300ms

D-Phase

Minimum
150ms

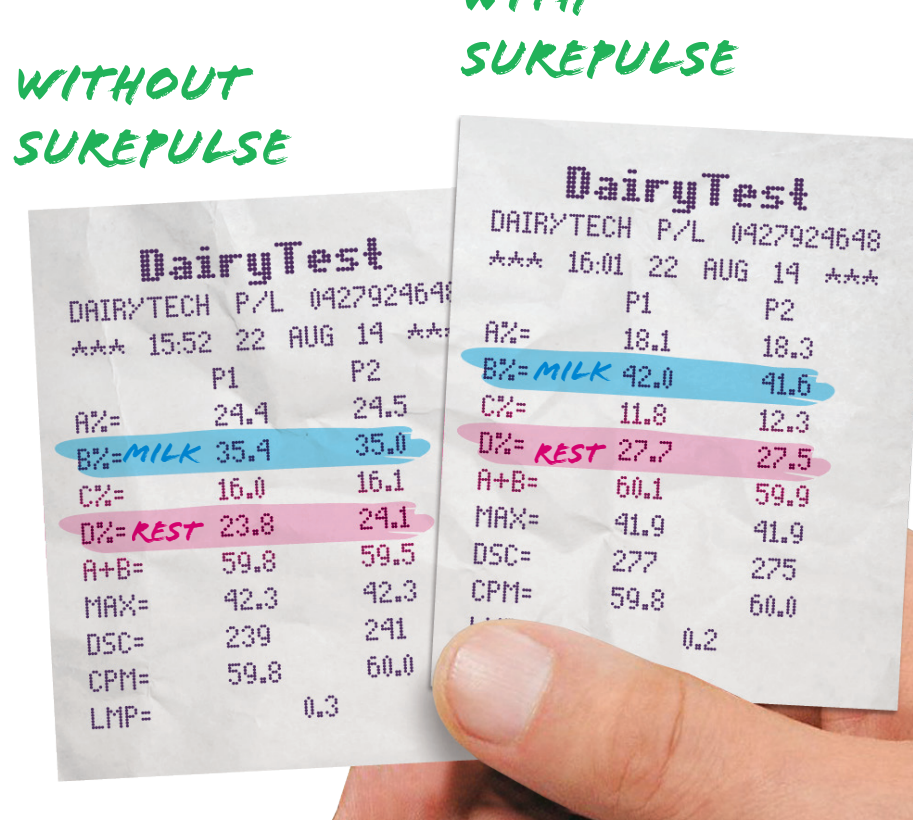
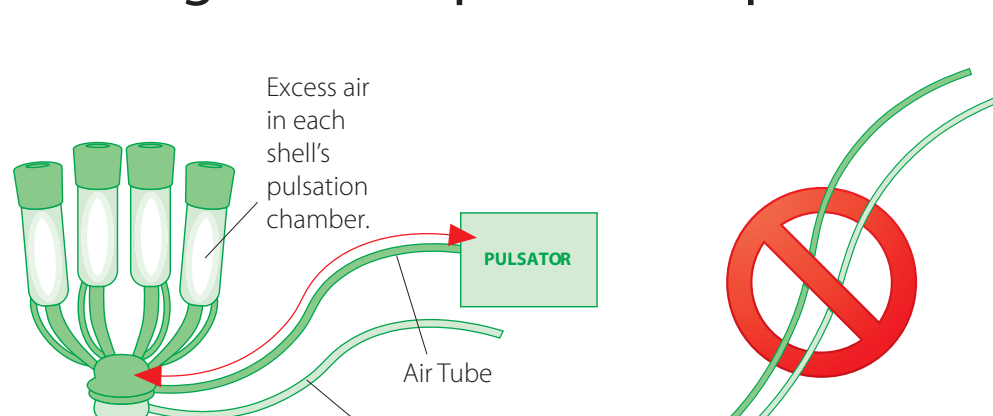


But... problems in the dairy:

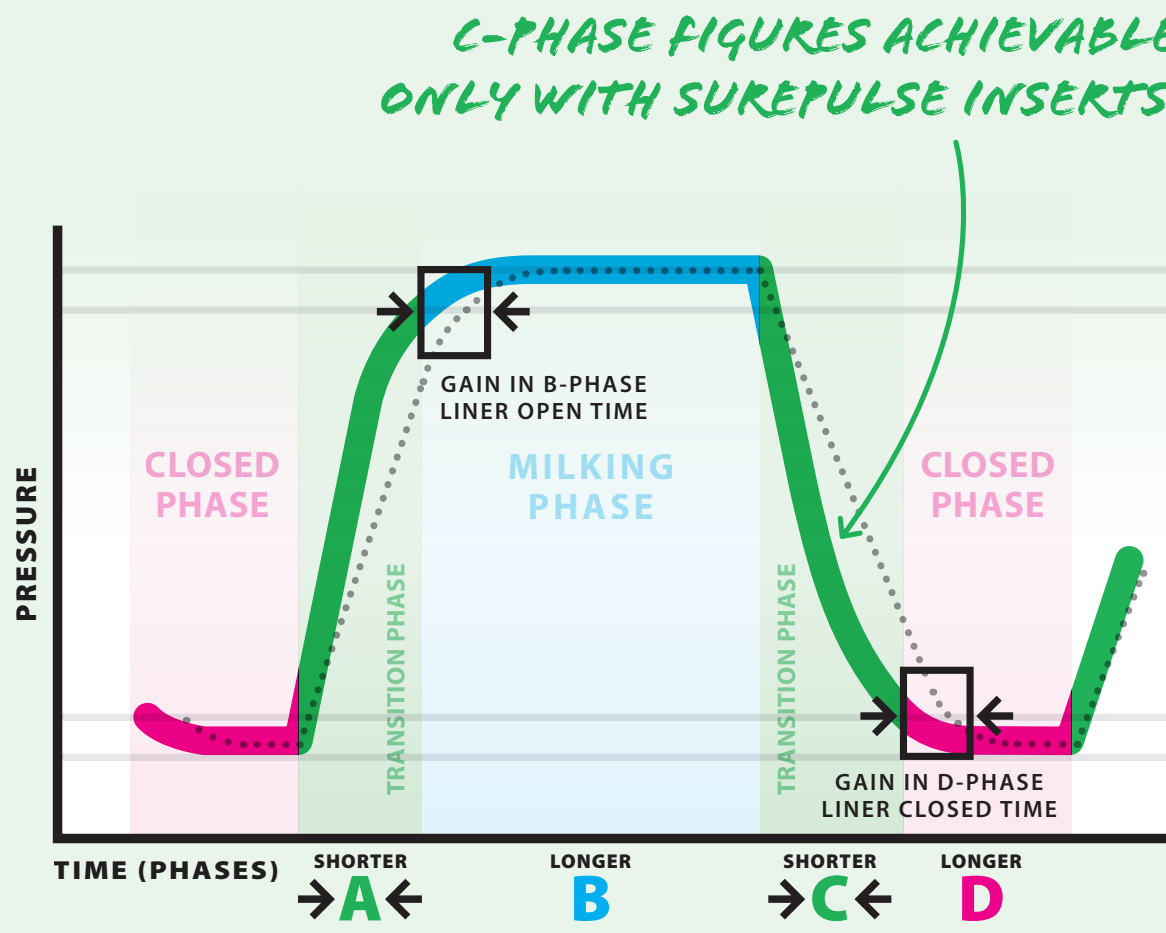
High cell count and occasional cup slip.
The reading on the pulsation meter above meets ISO standards but the reading is a bad result.

Surepulse inserts: the magic tool

Using Surepulse inserts effectively reduces the air tube between the pulsator and the cluster by 2.3 metres and can significantly improve pulsation readings providing benefits in milking moving towards pulsation optimums.



Pulsation optimums



Milk and rest phases based on a typical pulsation rate of 60 cycles per minute.

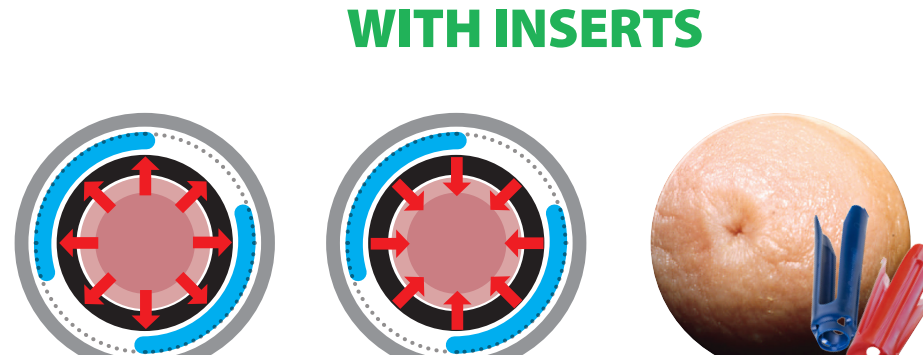
- A 120ms**
- B 480ms** (for fast milking and no cup slip)
- C 100ms** (triangular) or 115ms (round)
- D 300ms** (for good teat health)

Reduction of ballooning by fitting Surepulse inserts

WITHOUT INSERTS



WITH INSERTS



Surepulse inserts **control the movement of the liner wall...**

BUT CANNOT

control vacuum fluctuations or close the liner...

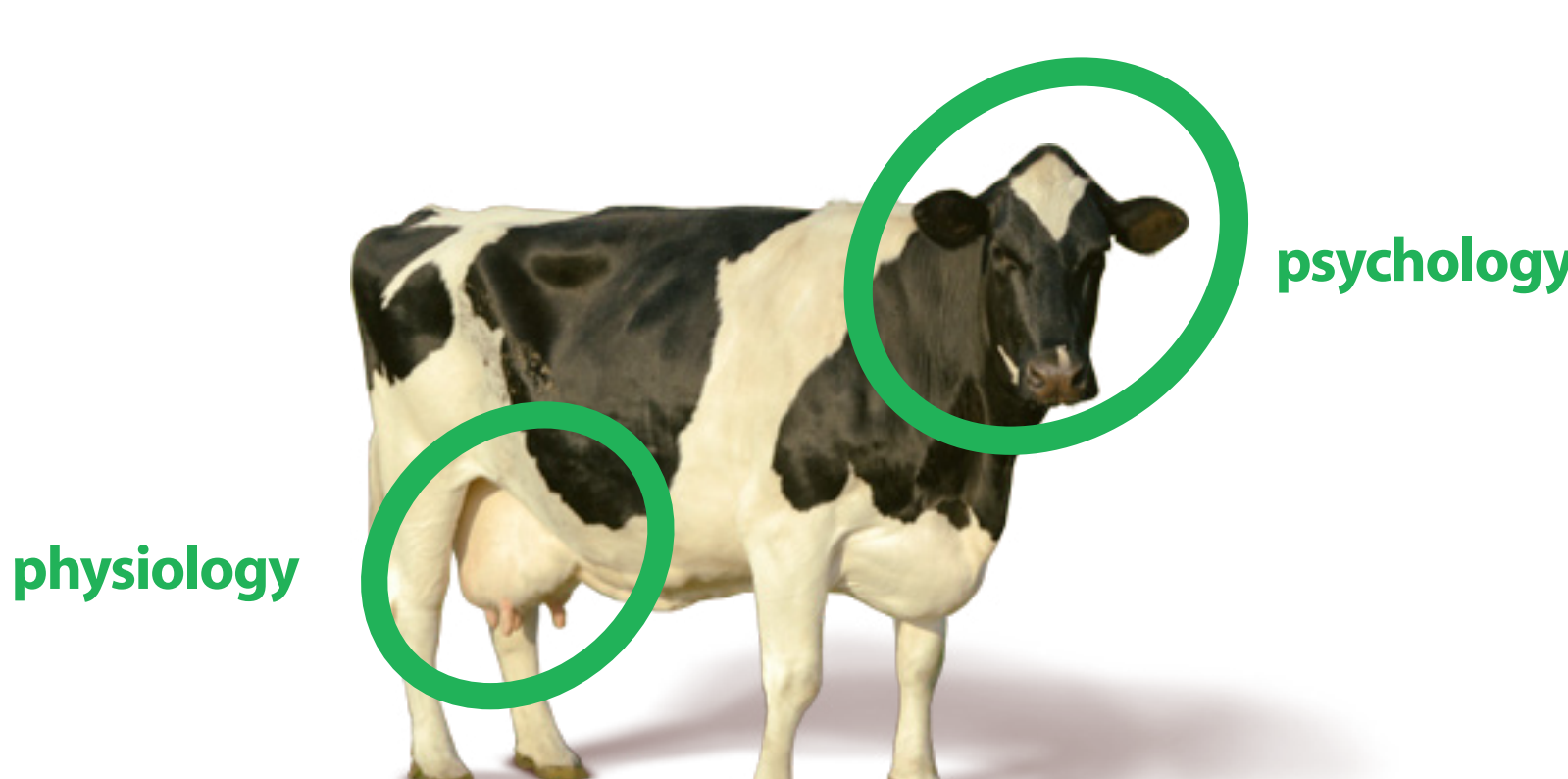
... however Calf 35 can!



Now Surepulse powered by Calf 35 delivers:

- Fast milking
- Almost no cup slip milking at 35-36kPa vacuum
- Excellent teat health
- Significant financial savings in animal health
- Better animal longevity
- Permanently removing stress and creating a more pleasant environment for animals and people.

Happiness and harmony



surepulse™
for Precision Milking

Calf35