

DRAMINSKI Mastitis Detector 4Q

A device for detecting sub-clinical mastitis in its earliest, visually undetectable stage.



Why should you have it?

- portable and easy to use device that allows for the production of top quality milk,
- ergonomic design with a 4-quarter display,
- helps to detect an early stage of illness without visible symptoms (*Mastitis Subclinica*),
- detects medical condition separately for each quarter, displaying the difference between quarters and pointing to the one with the greatest risk from mastitis,
- allows for effective prevention through fast udder condition monitoring,
- accelerates the decision about treatment and shortens grace period,
- reduces the costs of keeping the herd in good health condition,
- reduces financial losses related to production of milk,
- does not require using any chemicals
- investment for years.

Principle of operation

The detector measures changes in the electrical resistance of milk, as development of sub-clinical mastitis (asymptomatic stage) is accompanied by an increase in salt levels in milk, which involves a change in the resistance. This rule is considered to be the most reliable indirect test in diagnosing *Mastitis Subclinica*.

The test is very simple:

- you need to milk the first portion of milk directly from the teat to measuring cup
- press the button to register the result

- pour out the milk and repeat the steps for other quarters

The set includes:

- DRAMIŃSKI MD4Q mastitis detector,
- 1 x 9V 6F-22 type battery,
- reusable transport packaging (made of plastic),
- manual.

24 Months Warranty

Technical data

Unit weight	290 g (with battery)
Dimensions	26.0 x 7.0 x 9.0 cm
Power supply	1 x 9 V battery, type 6F-22
Battery low indication	automatic
Power input	about 18 mA
Measurement control	single chip microcomputer
Estimated working time on one battery pack	about 22h
Display	LCD display 4 x 3 digits
Measuring range	10-990 units
Measurement resolution	10 units
Recommended storage temperature	from 5°C to 45°C