



MastiPro

MastiPro In-Line Mastitis Detector is an advanced monitoring device developed for the early detection of subclinical mastitis in livestock operations. Installed directly on the fluid line, the device continuously analyzes flow characteristics during each operational cycle and automatically identifies abnormal conditions that may indicate potential health issues. Its battery-powered architecture eliminates the need for external power connections, while the automatic operating mechanism requires no user intervention during normal use. Adjustable sensitivity levels allow monitoring parameters to be optimized according to operational requirements, supporting more effective herd health management and early intervention strategies. The integrated warning system provides visual alerts and mobile notifications when irregular conditions are detected. Manufactured using food-contact-safe materials and designed for long-term field operation, MastiPro offers reliable performance with a replaceable battery life of up to five years, depending on Bluetooth connection duration.

Early Detection of Subclinical Mastitis

Sensitivity up to 91% and Specificity up to 94%

Fully Automatic Operation

Adjustable Alarm Sensitivity Levels (1–10)

LED and Mobile Notification System

Up to 5 Years Battery Life

Technical Specifications

Product Name	MastiPro In-Line Mastitis Detector
Unit Weight	240 g (with battery)
Dimensions	19 × 6.0 × 6.0 cm
Battery Type	C Size Lithium Battery
Power Input	3.6 Volt, 10 mA Peak
Measurement Control	Single Chip Microcontroller
Measurement Resolution	1 Unit
Warranty	2 Years
Battery Life	5 Years (depends on Bluetooth connection time)
Diameter of Connection Point to the Line	19 mm
Recommended Storage Temperature	4°C to 45°C
Alarm Level (Sensitivity) Setting	1–10 Selectable
Warning Method	3 Level LED Light & In-App Notifications