

# AN INNOVATIVE WAY TO CHECK THE CALIBRATION OF AN ULTRASONIC MILK ANALYZER

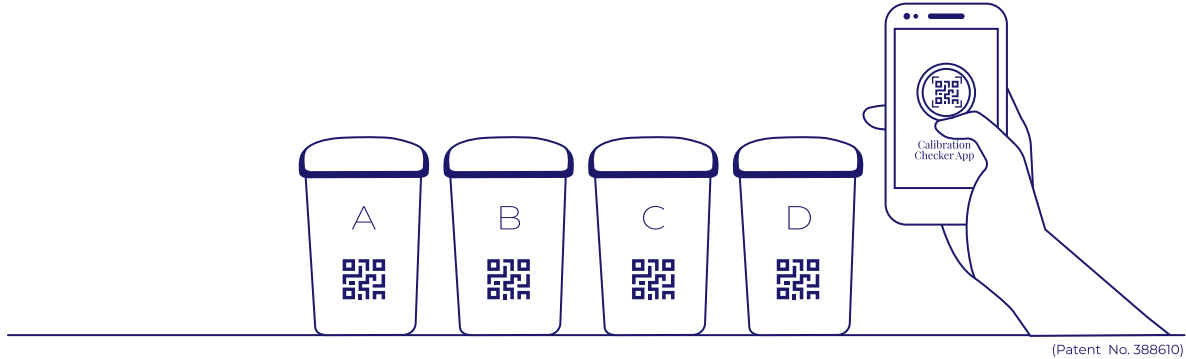
**prompt**<sup>®</sup>  
**MILKQCHECK**  
milk analyzer calibration checker



# PRESENTING

## prompt<sup>®</sup> MILKCHECK

milk analyzer calibration checker



### Our robust, reliable, tamper-proof system for checking calibration status of any make of Ultrasonic Milk Analyzer

The system uses a specialized liquid, which mimicks the properties of raw milk. The liquid comes in four transparent sample bottles, with various range of FAT/SNF, which checks the status of calibration. The Bluetooth enabled Android Mobile App extracts these test results through image processing and declares status of calibration. This data integrates with the central web-application for reporting.

CURRENT SCENARIO	OUR INNOVATIVE SOLUTION
<ul style="list-style-type: none"><li>› Involves a challenging and tiresome task of creating or identifying milk samples with various range of FAT and SNF</li></ul>	<ul style="list-style-type: none"><li>› Available in large range of FAT (2.2% to 9%) &amp; SNF (7% to 10.5%) with different combination</li></ul>
<ul style="list-style-type: none"><li>› Low shelf life</li></ul>	<ul style="list-style-type: none"><li>› Shelf life - 35 days</li></ul>
<ul style="list-style-type: none"><li>› Checking and recording has manual intervention. Hence there are chances of errors</li></ul>	<ul style="list-style-type: none"><li>› Comes with an application that reads the data of the Analyzer and syncs it with the cloud. This data can be further analysed for an informed decision making</li></ul>
<ul style="list-style-type: none"><li>› Data cannot be accessed in real-time</li></ul>	<ul style="list-style-type: none"><li>› Data can be accessed in real-time and thus, allows remote supervision</li></ul>

# FEATURES

Specialized liquid, mimic property of raw milk, with shelf life of 35 days

Supports any makes of Ultrasonic Milk Analyzers

Every sample bottle of MilkoCheck carries a unique code that is verified by mobile app before use. Unique code maintains integrity of the sample

Randomized colored solution to prevent mixing with milk and adds a layer of security

Samples are single use only

Can be stored at room temperature for making it suitable in any weather conditions

Calibration test results are available on central portal and accessible only to authorized persons

Complete data security and protection, actual calibration & configuration readings are not known to field persons

# BENEFITS

Checks calibration status of Ultrasonic Milk Analyzer without using control milk sample

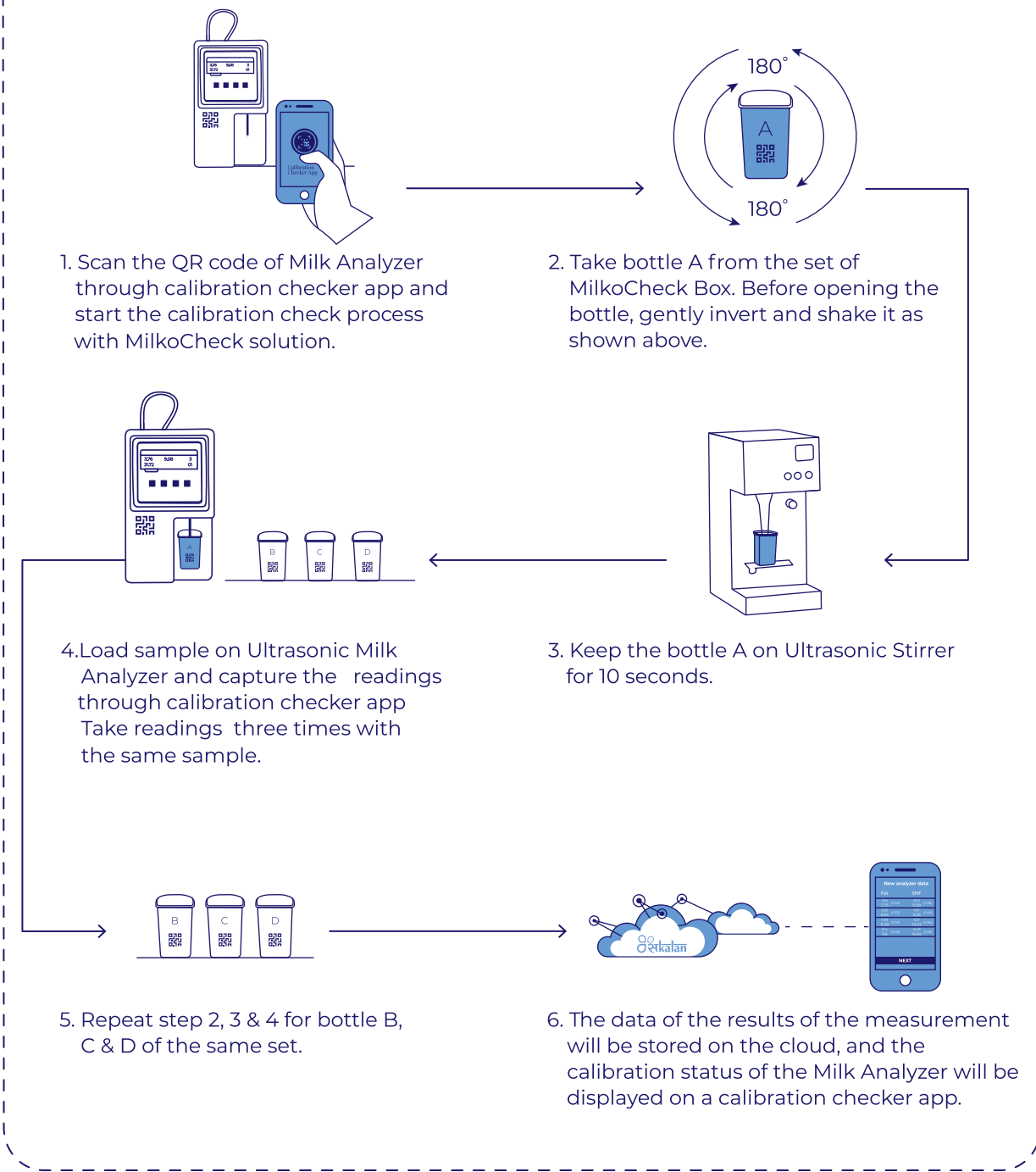
Control milk sample not required, thus removing the bottleneck of managing milk samples of various range of Fat/ SNF

Tamper-proof solution with built-in control and duplications checks – ensuring authenticity

Calibration result logs are stored on cloud, and can be used for analysis and decision making by Dairy/ Milk Unions

Enables transparency between farmer and milk collection centers

# STEPS FOR USING:



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